

FIG. 1

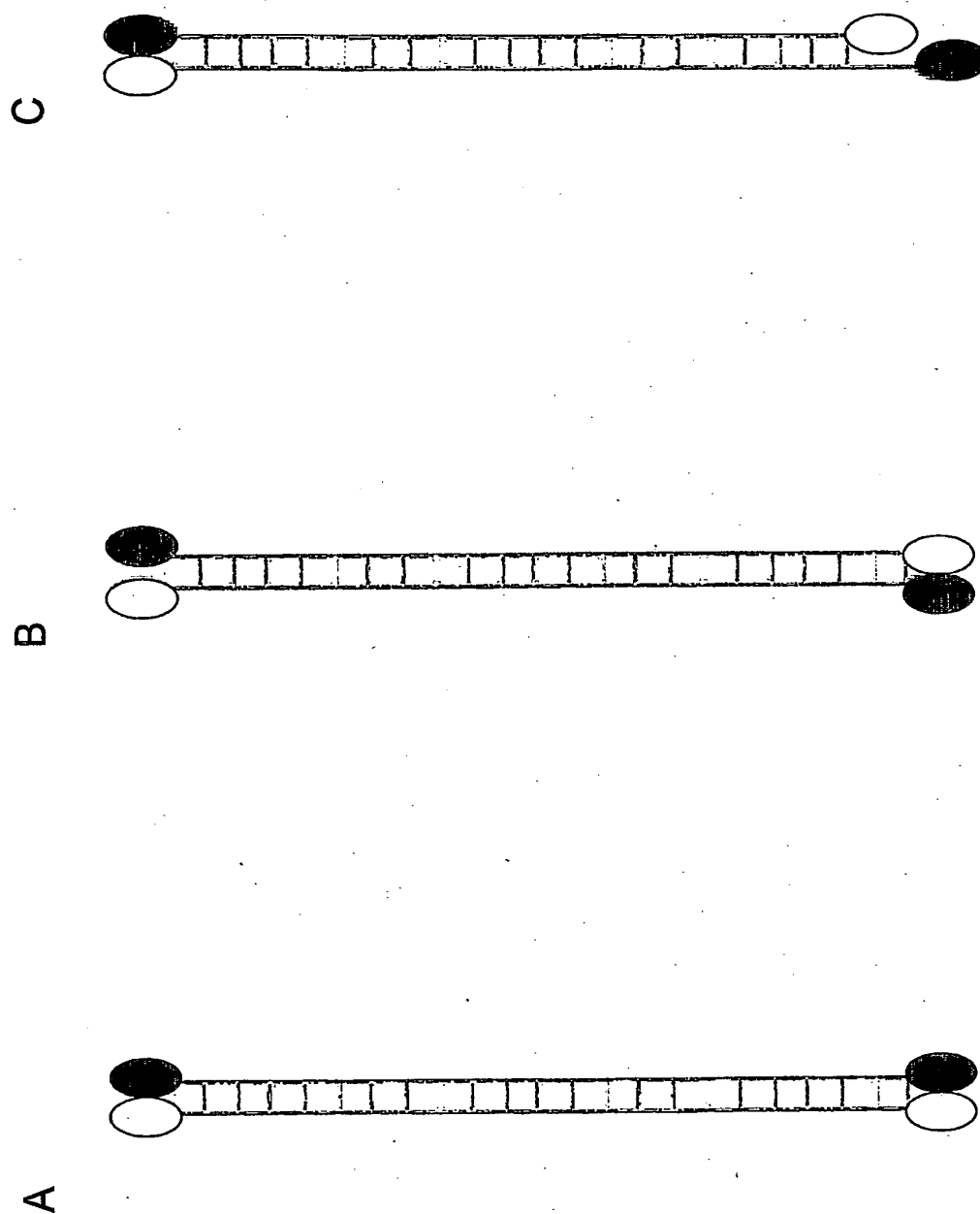


FIG. 2

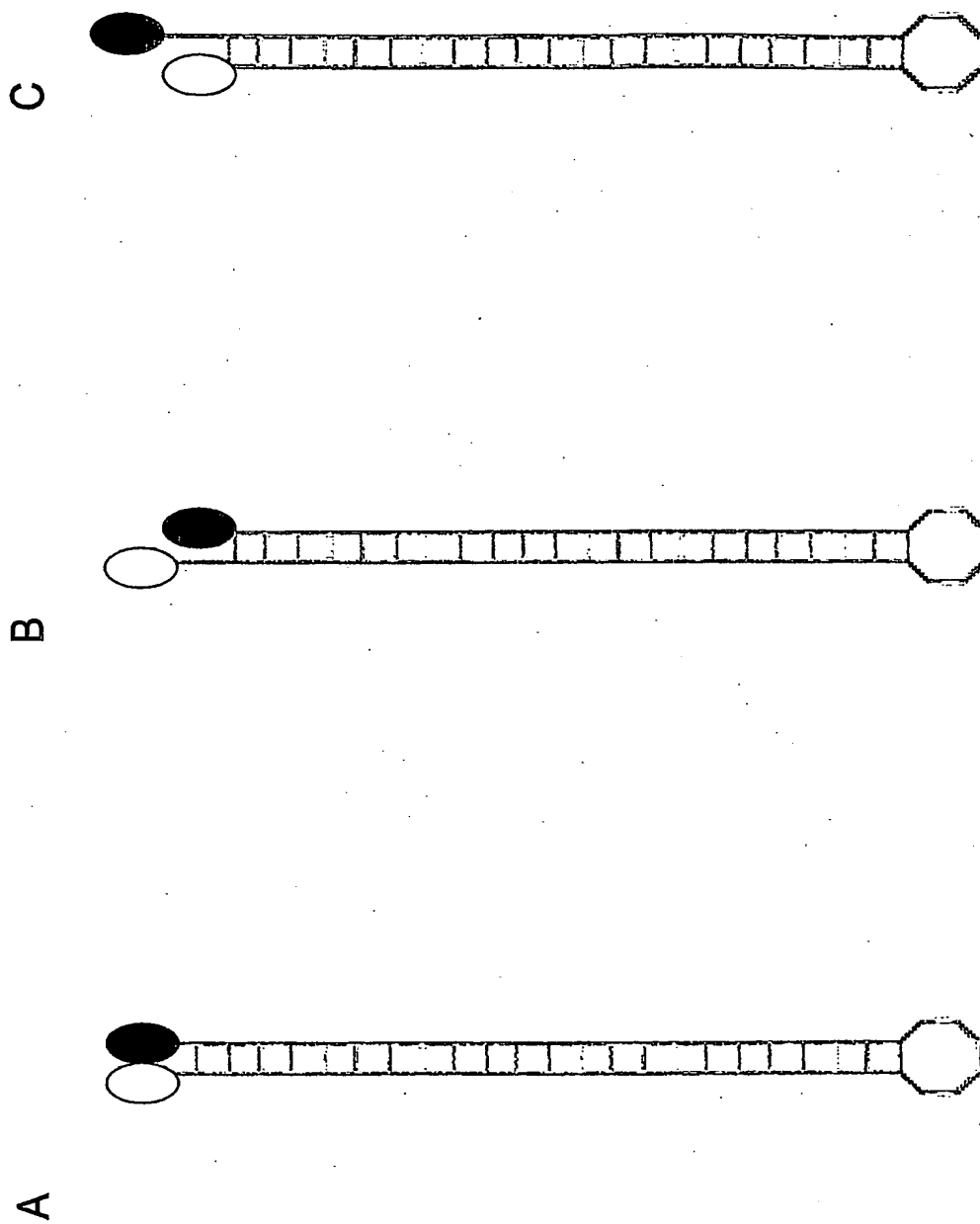


FIG. 3

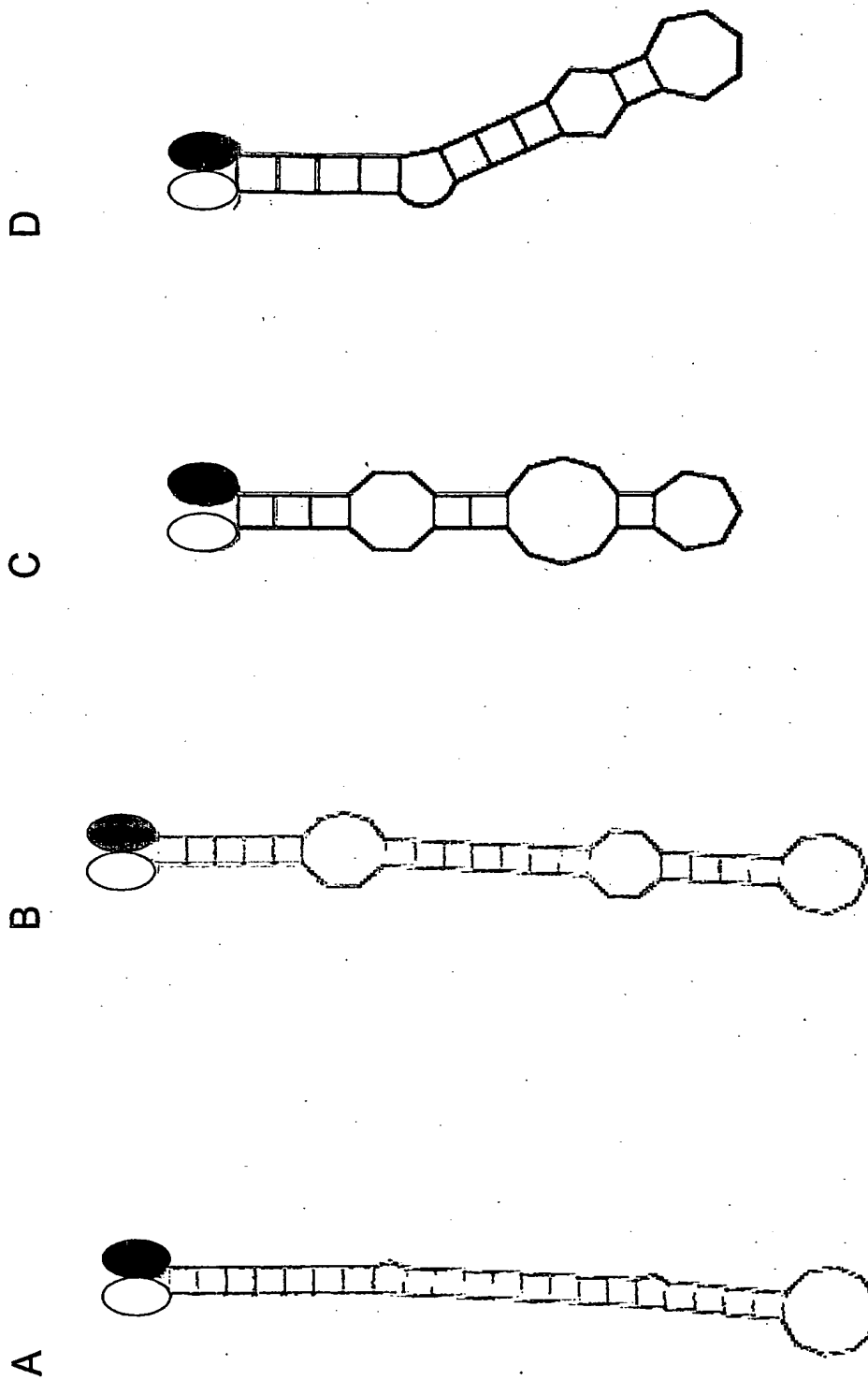


FIG. 4

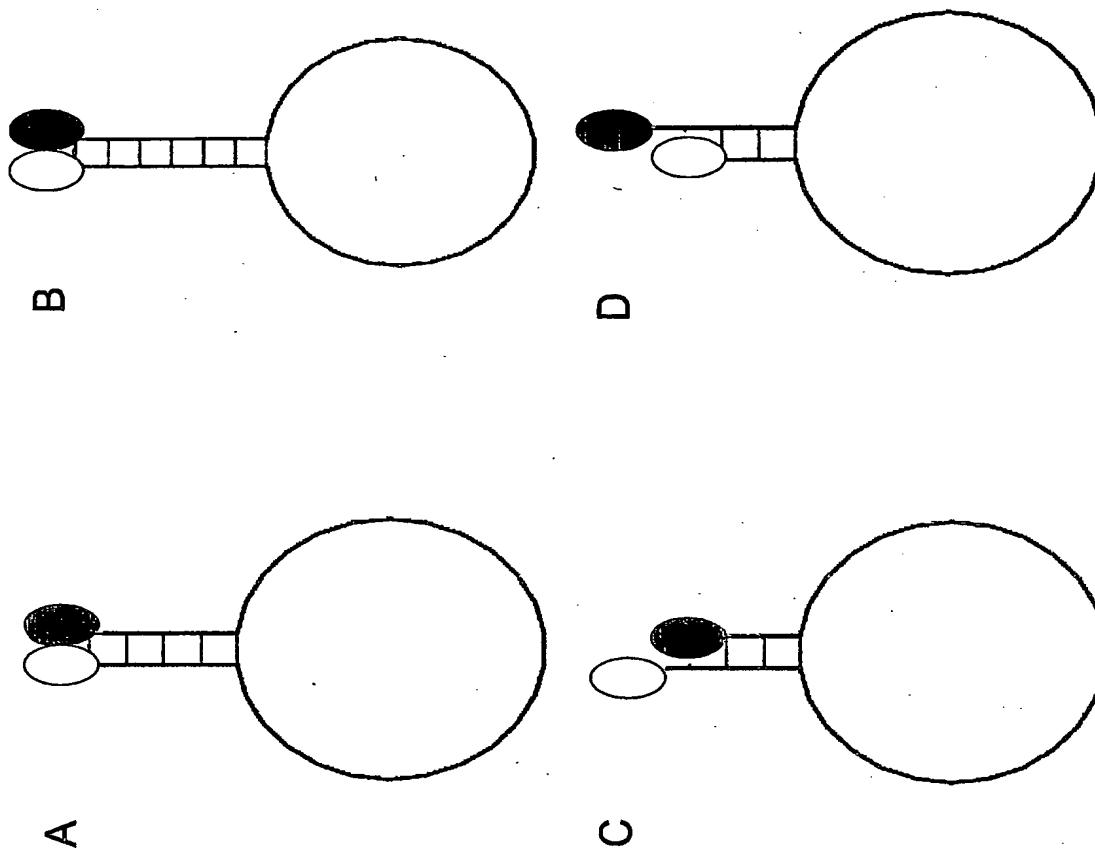


FIG. 5

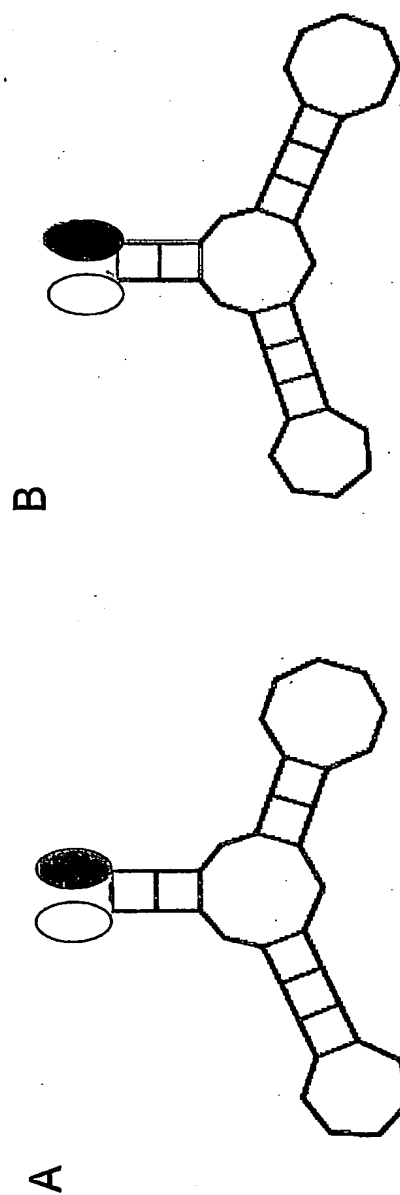
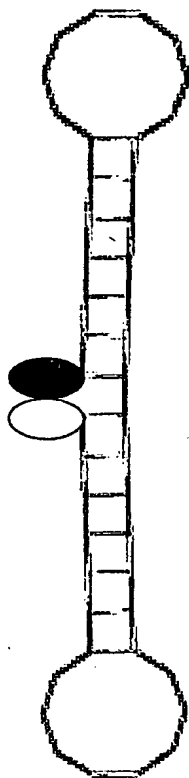


FIG. 6

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B



A

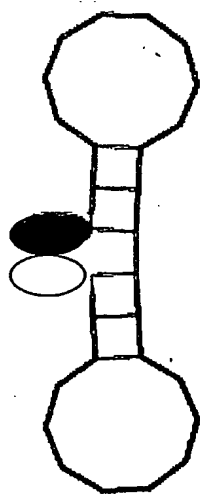
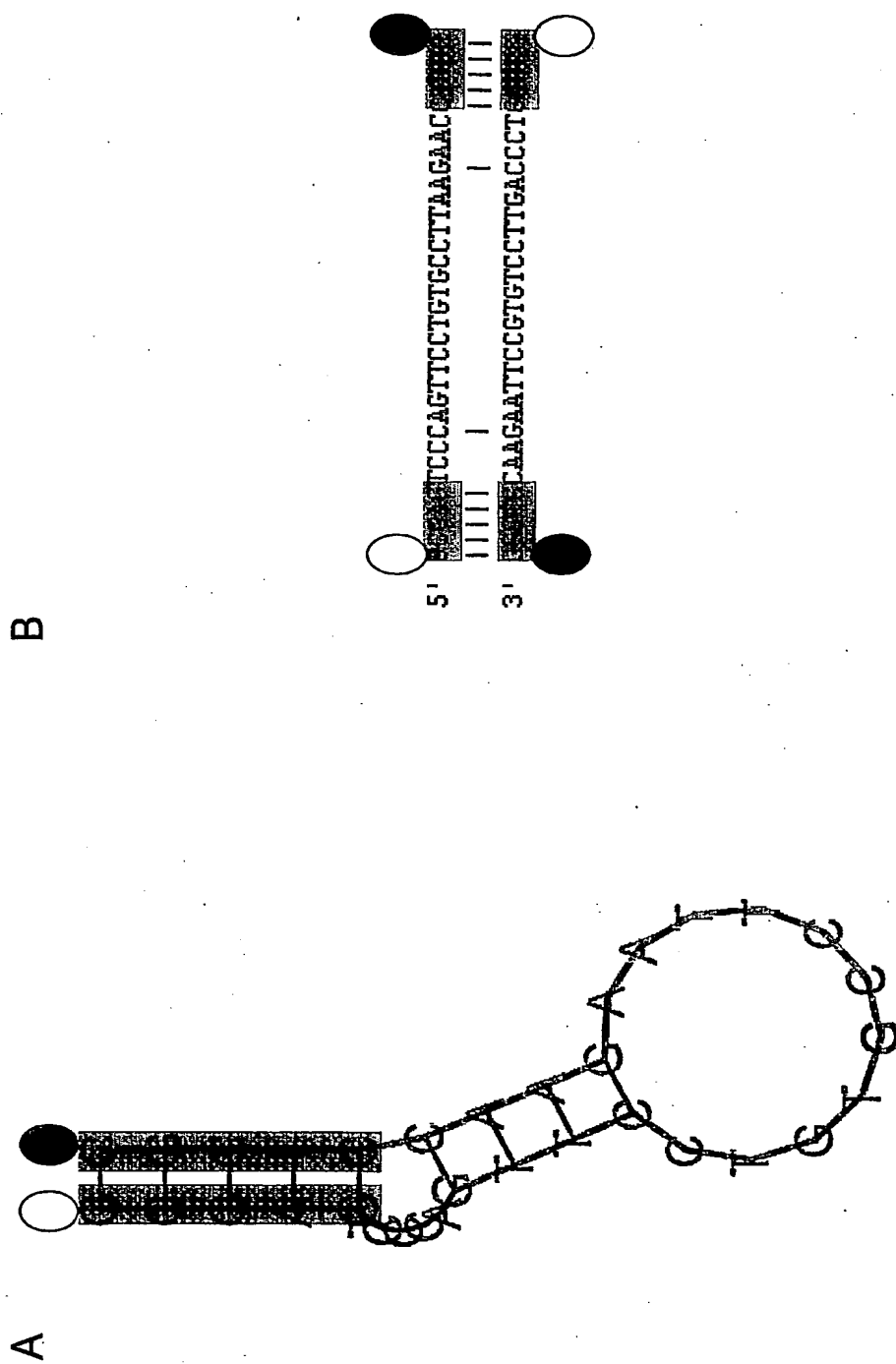
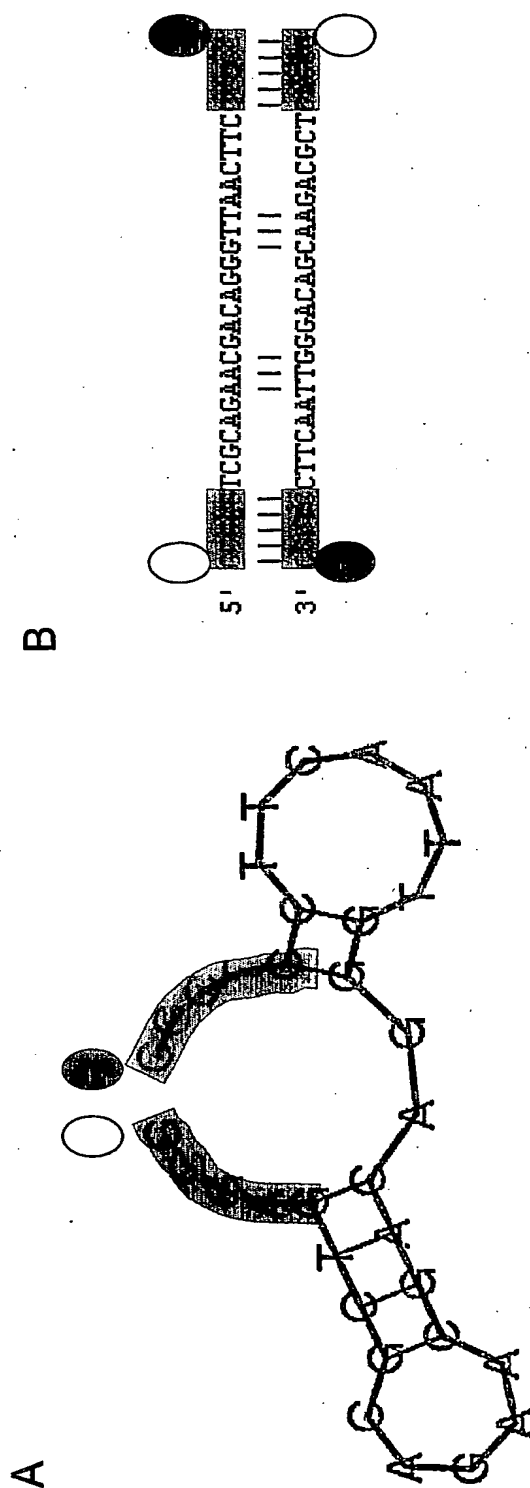


FIG. 7



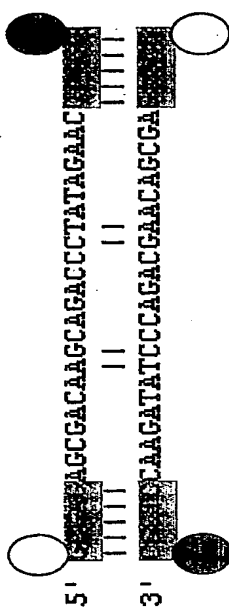
FP1 5' GCGAG TCCAGTTCCTGTGCCTTAAGAACCTCGC 3'

FIG. 8



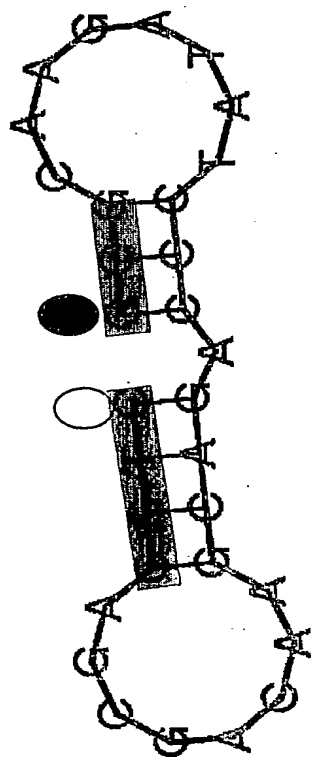
FP2 5' GCGAG TCGCAGAACGACAGGGTTAACTTCCCICGC 3'

FIG. 9



FP3 5' GCGAG AGCGACAAGCAGACCCCTATAGAAC CTCGC 3'

FIG. 10



FP4 5' CTGC AGCGACAAGCAGACCCTATAGAAC GGG 3'

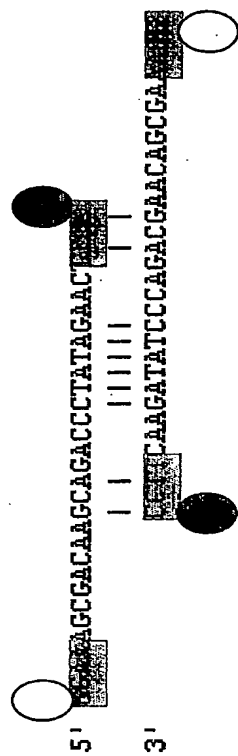
FIG. 11

FP5 5' gga TCCCAGTTCCTGTGCCCTTAAGAAC tcc 3'

FIG. 12

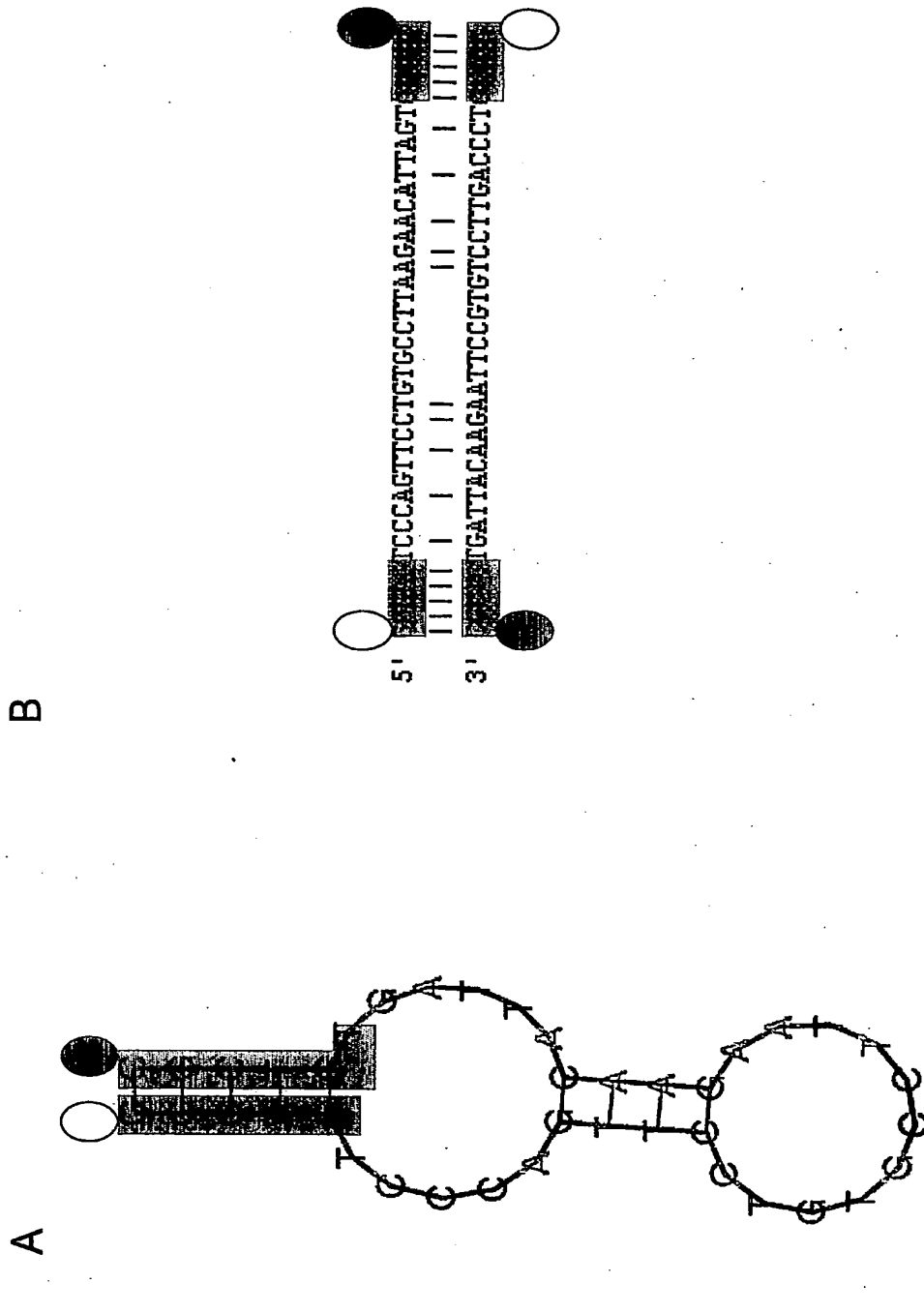
FP6 5' gga TCGCAGAACGACAGGGTTAACTTC tcc 3'

FIG. 13



FP7 5' ggaa AGCGACAAGCAGACCCCTATAGAAC ttcc 3'

FIG. 14



FP8 5' GCGAG TCCCAGTTCCTGTGCCTTAAGAACattagtCTCGC 3'

FIG. 15

FP9 5' ggaa TCCCAGTTCCTGTGCCCTTAAGAACattagtttcc 3'

FIG. 16

FP10 5' gtgat TCCCAGTTCCTGTGCCCTTAAGAAC atcac 3'

FIG. 17

FP11 5' ggac TCCCAGTTCCTGTGCCCTTAAGAAC gtcc 3'

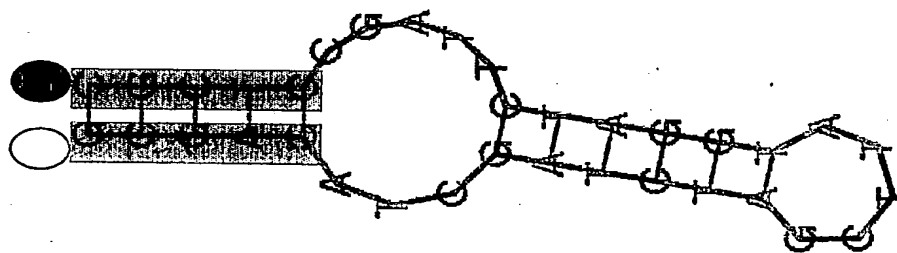
FIG. 18

FP12 5' ggg TCCAGTTCCTGTGCCTTAAGAAC ccc 3'

FIG. 19

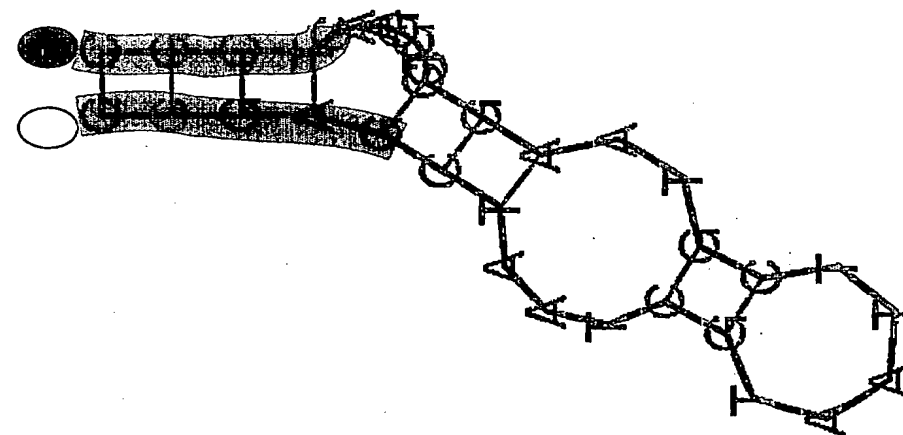
FP13 5' gccg TCCCAGTTCCTGTGCCTTAAGAAC cgc 3'

FIG. 20

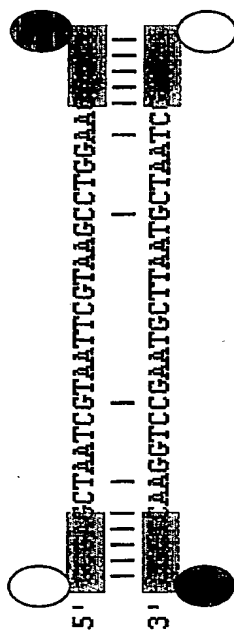


FP14 5' gcgag ATCGATCTAGCTTATGGATCCTTAGC CTCGC 3'

FIG. 21



B



FP15 5' gcgag CTAATCGTAATTCGTAAGCCTGGAA CTCGC 3'

FIG. 22

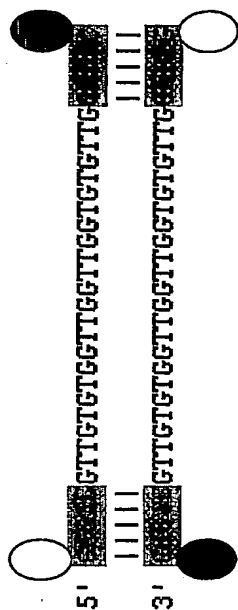
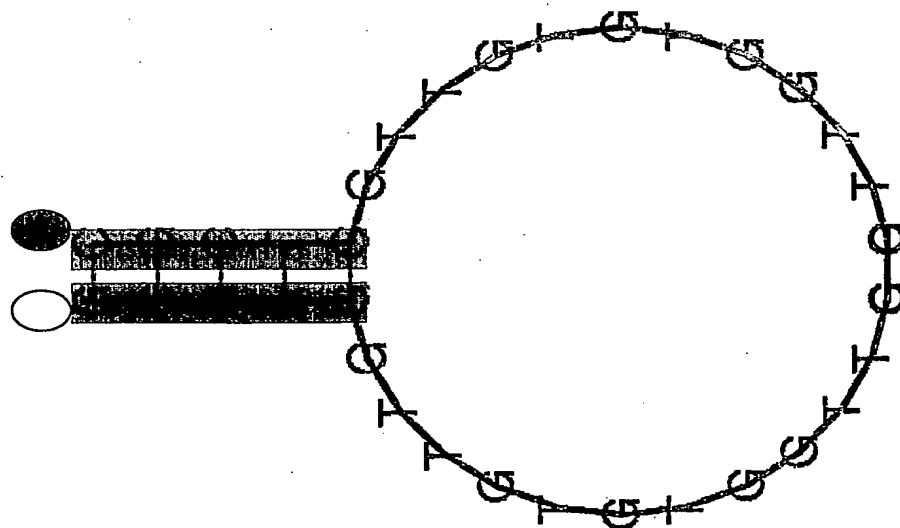
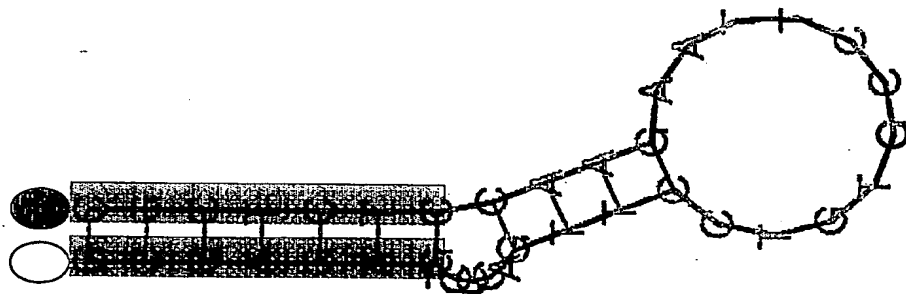
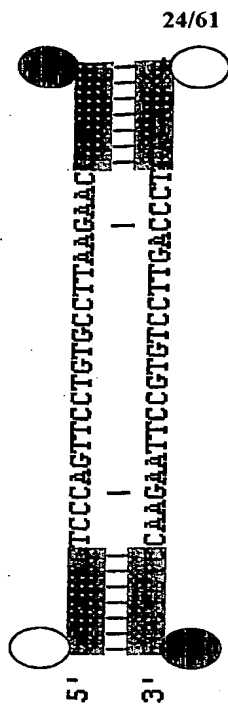


FIG. 23

A



B



FP17 5' GCGAGAG TCCCAGTTCCTGTGCTTAAGAAC CTCTCGC 3'

FIG. 24

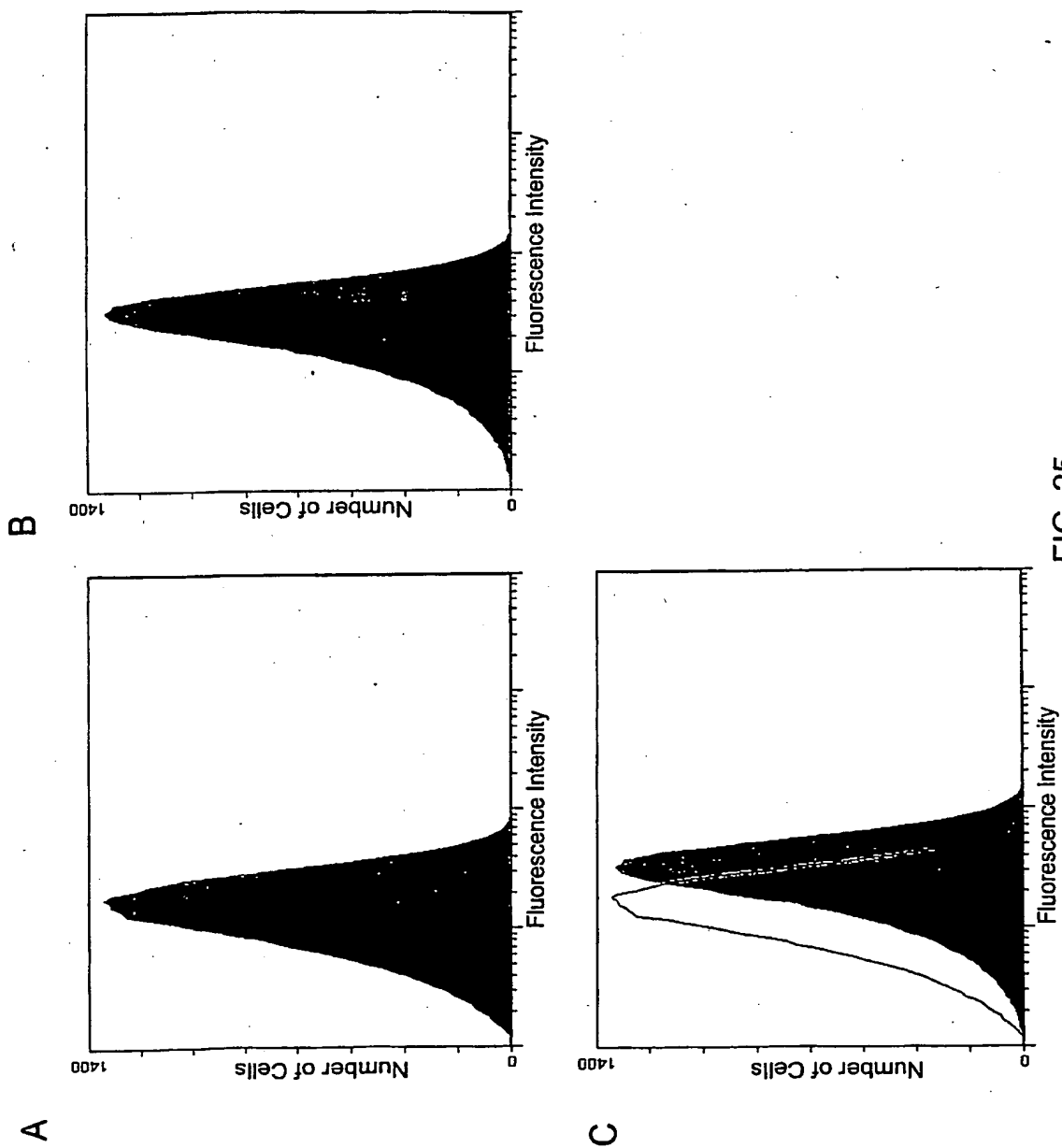


FIG. 25

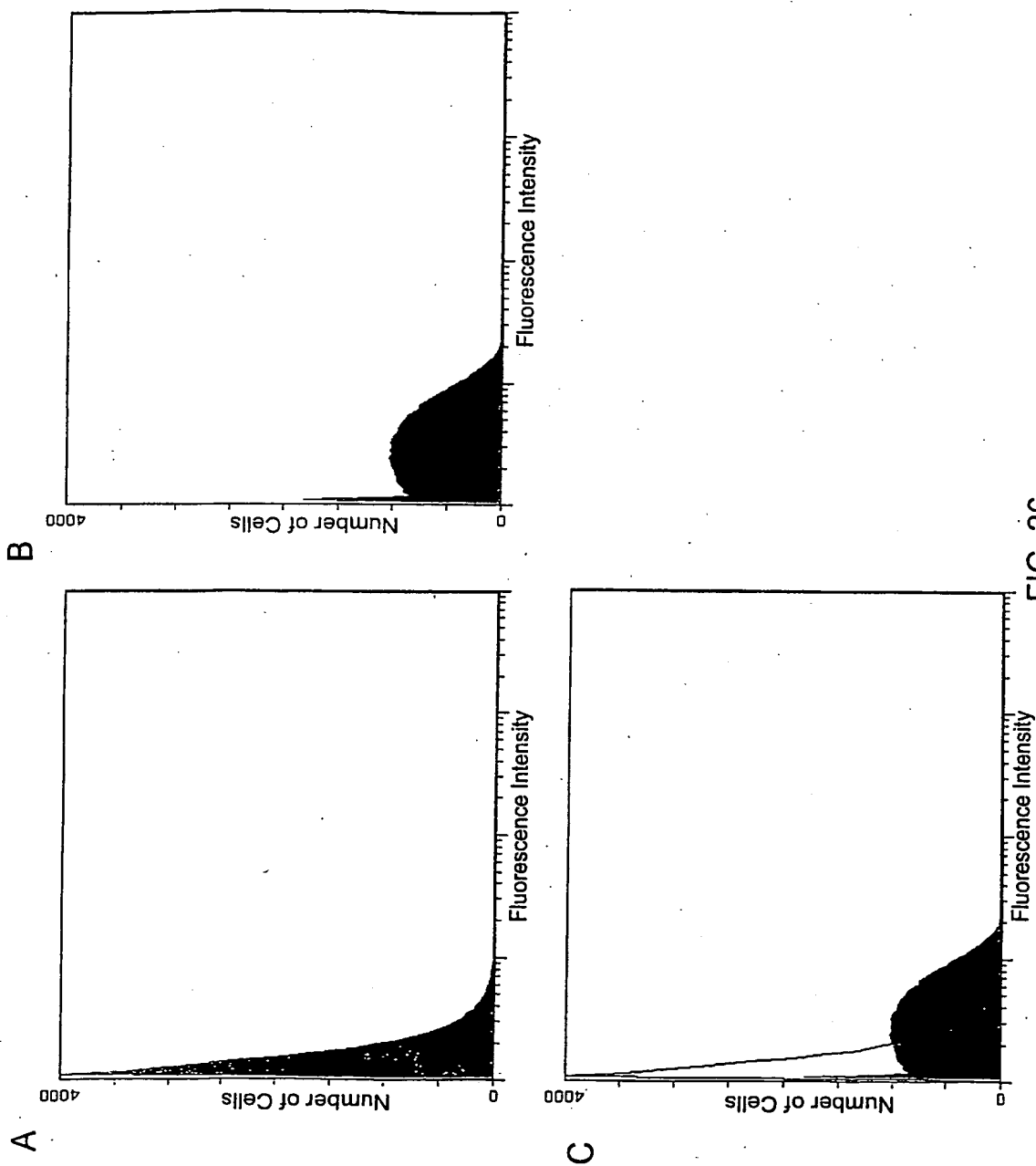


FIG. 26

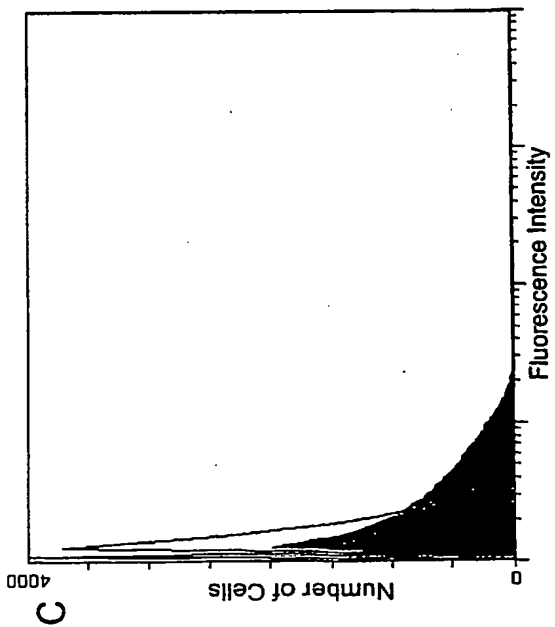
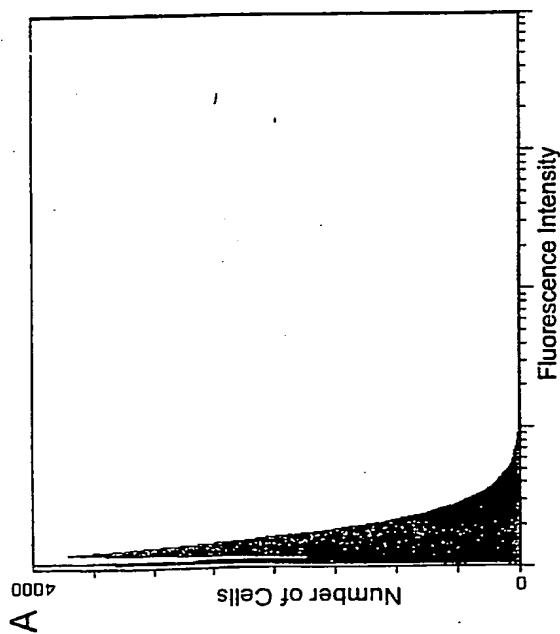
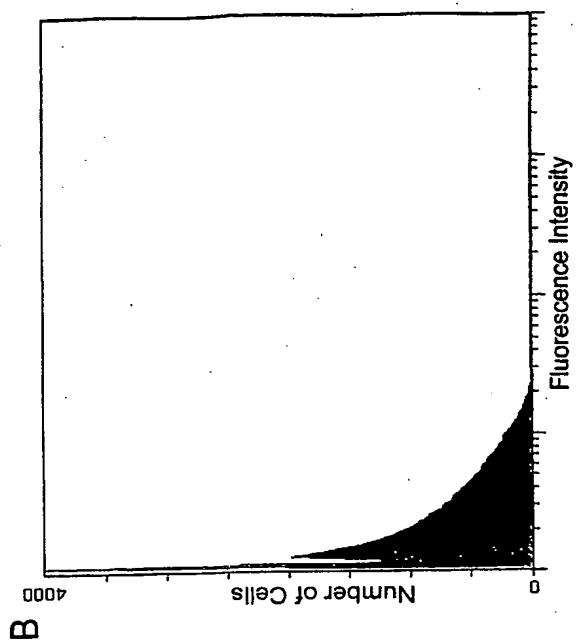
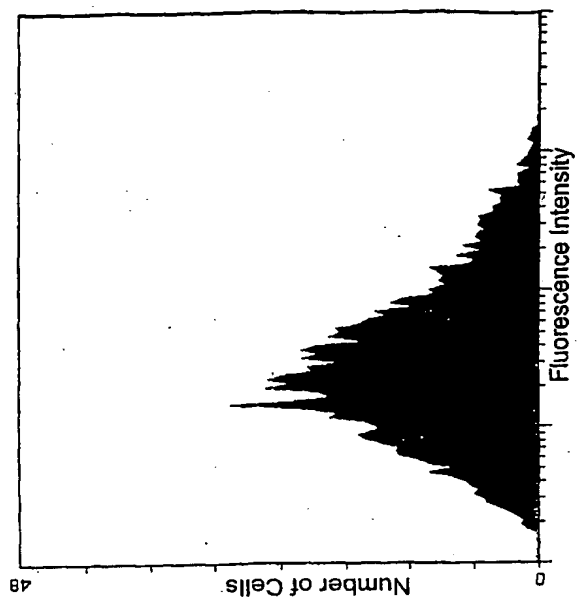
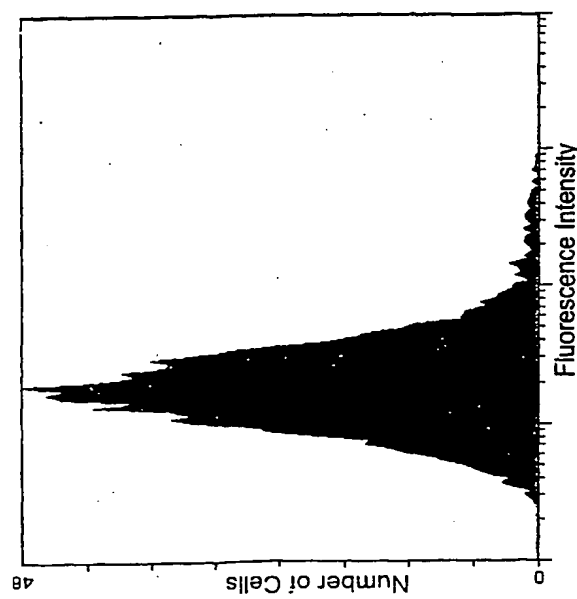


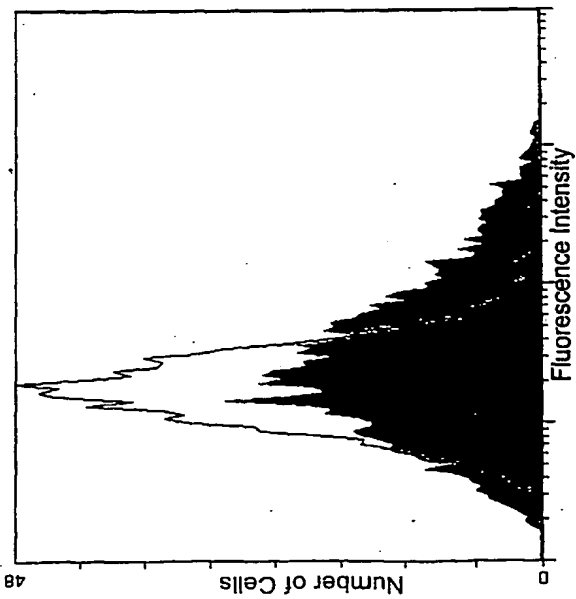
FIG. 27



B



A



C

FIG. 28

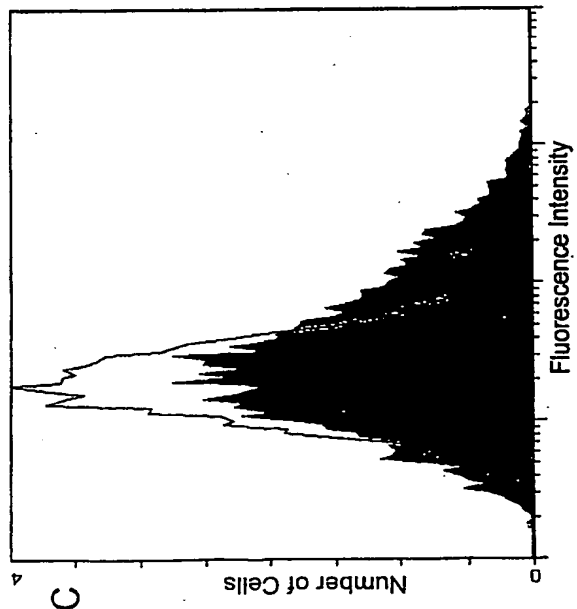
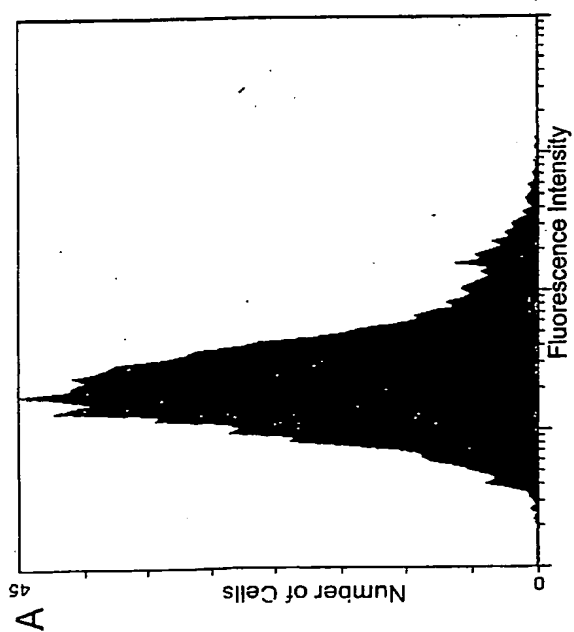
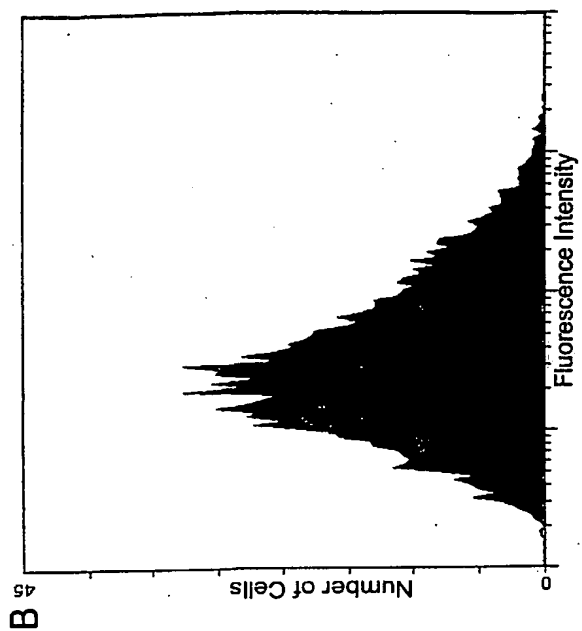
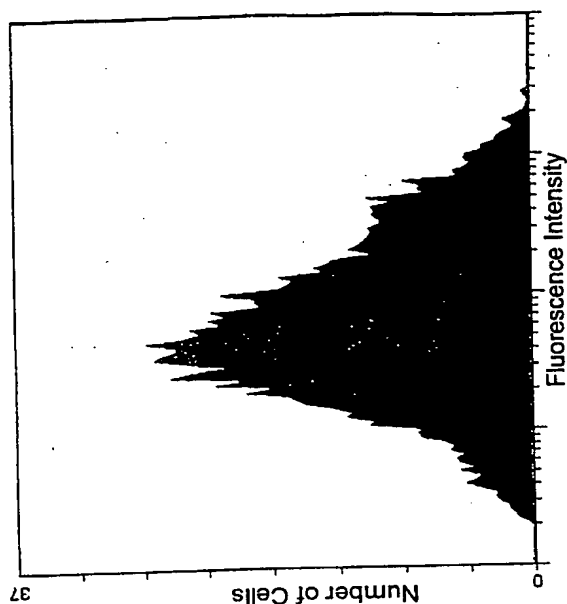
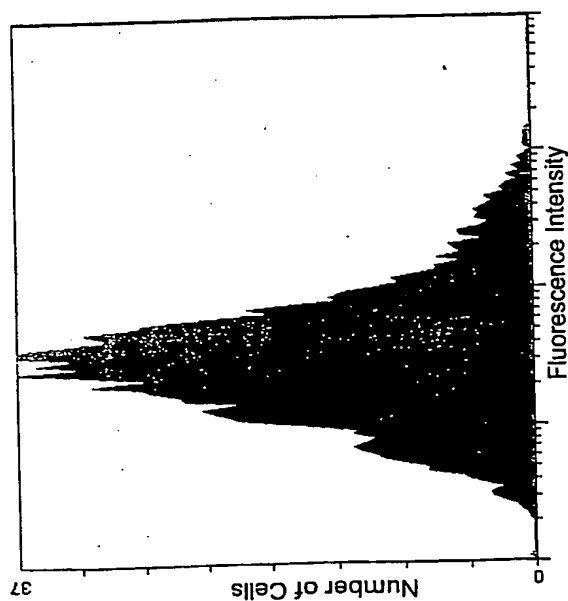


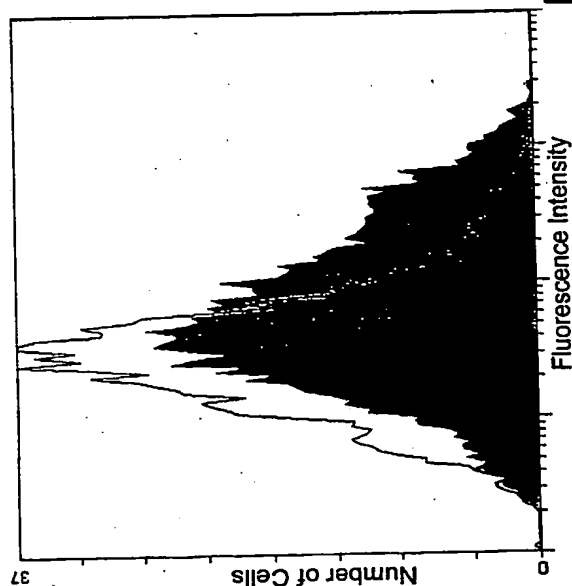
FIG. 29



B



A



C

FIG. 30

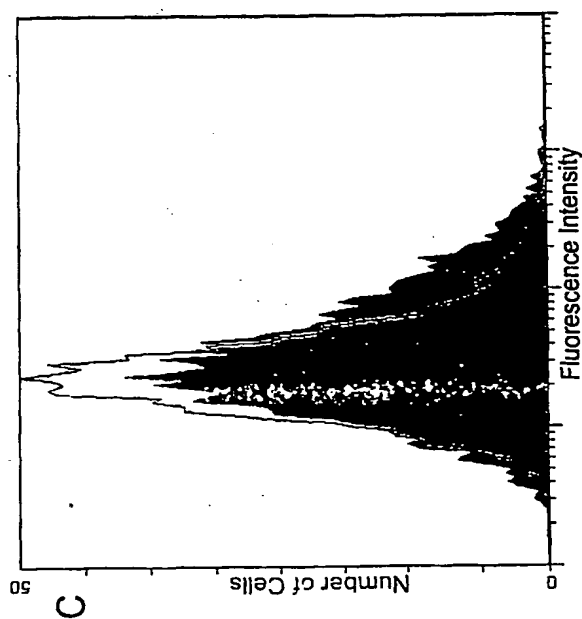
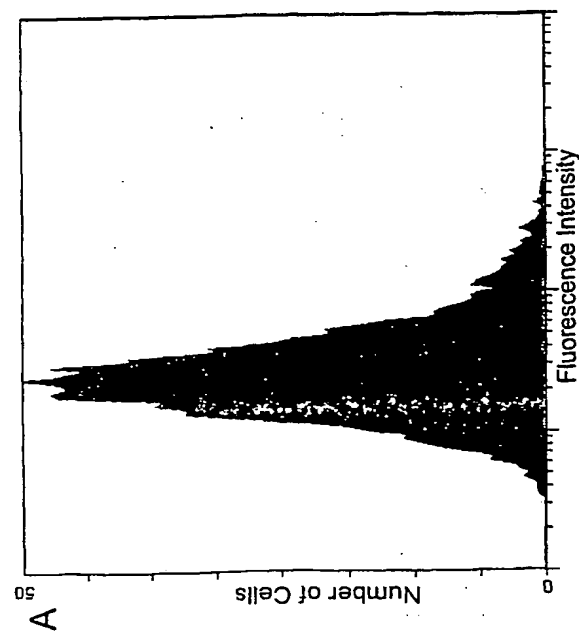
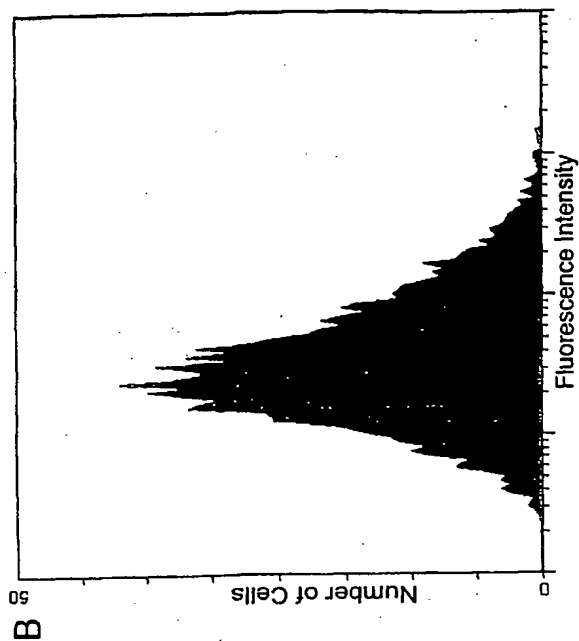


FIG. 31

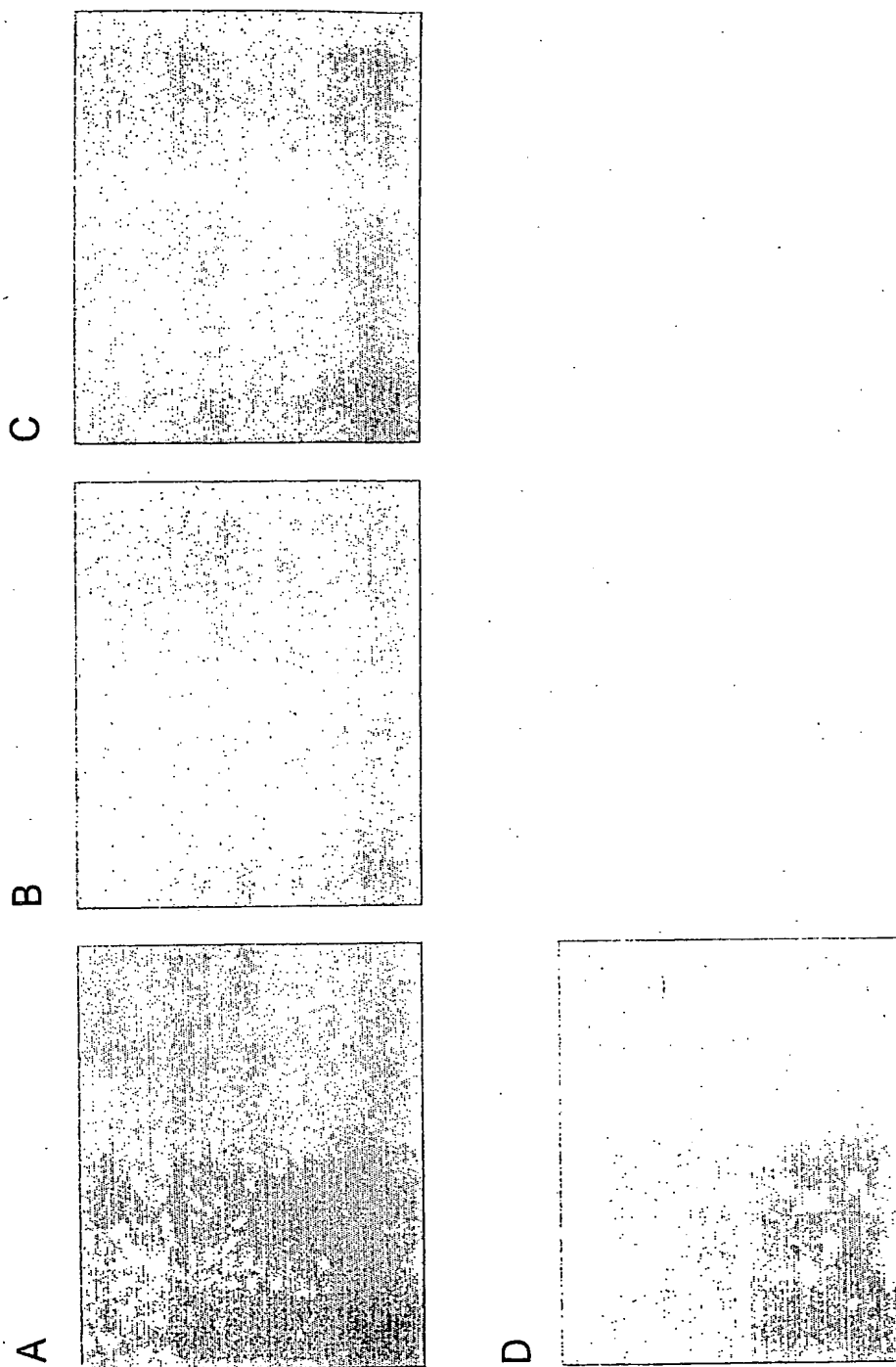


FIG. 32

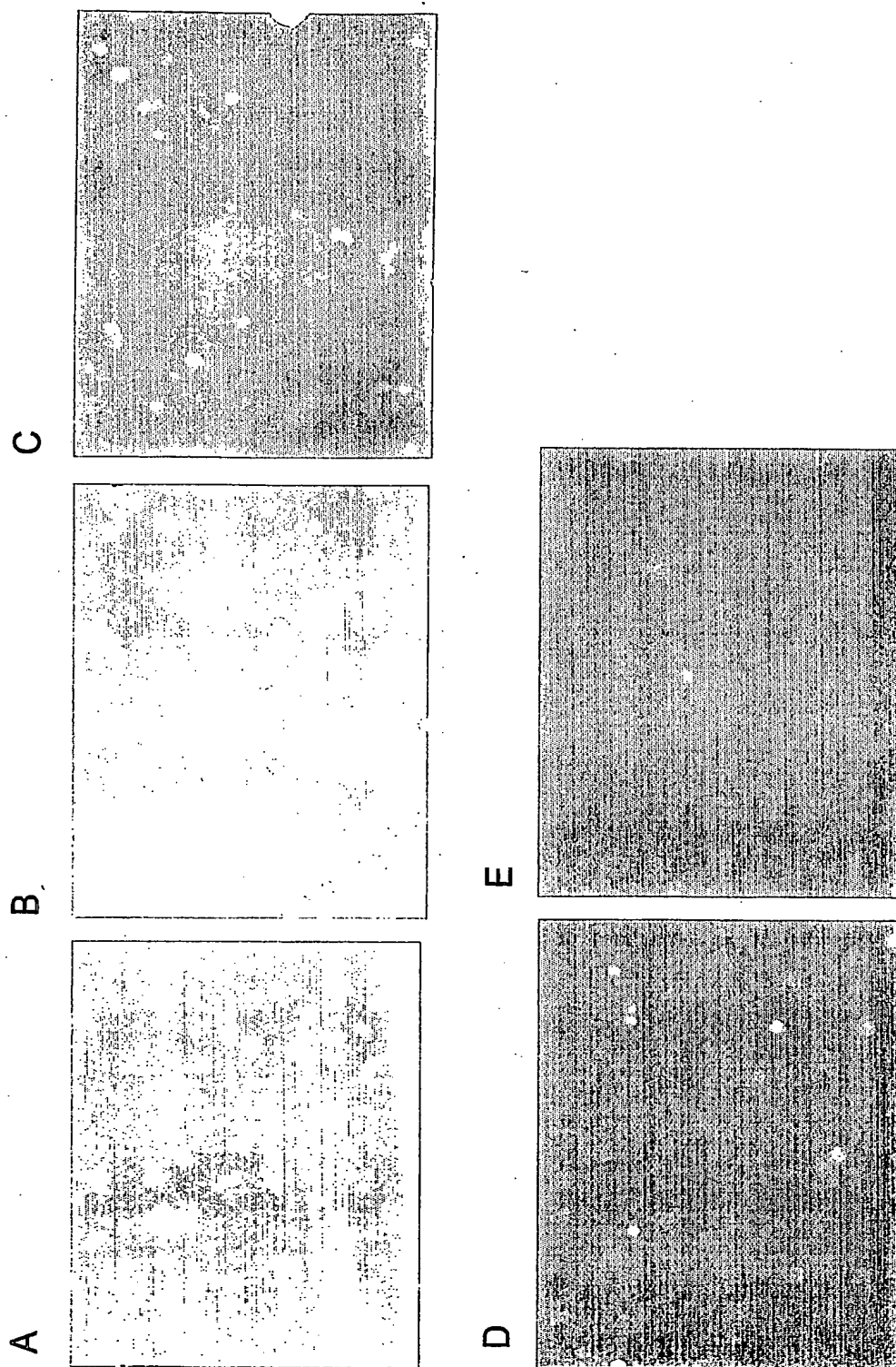


FIG. 33

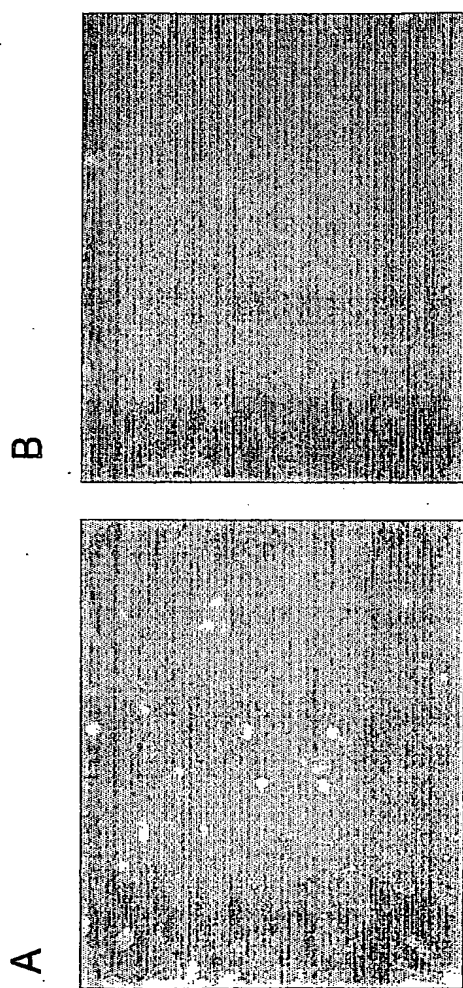


FIG. 34

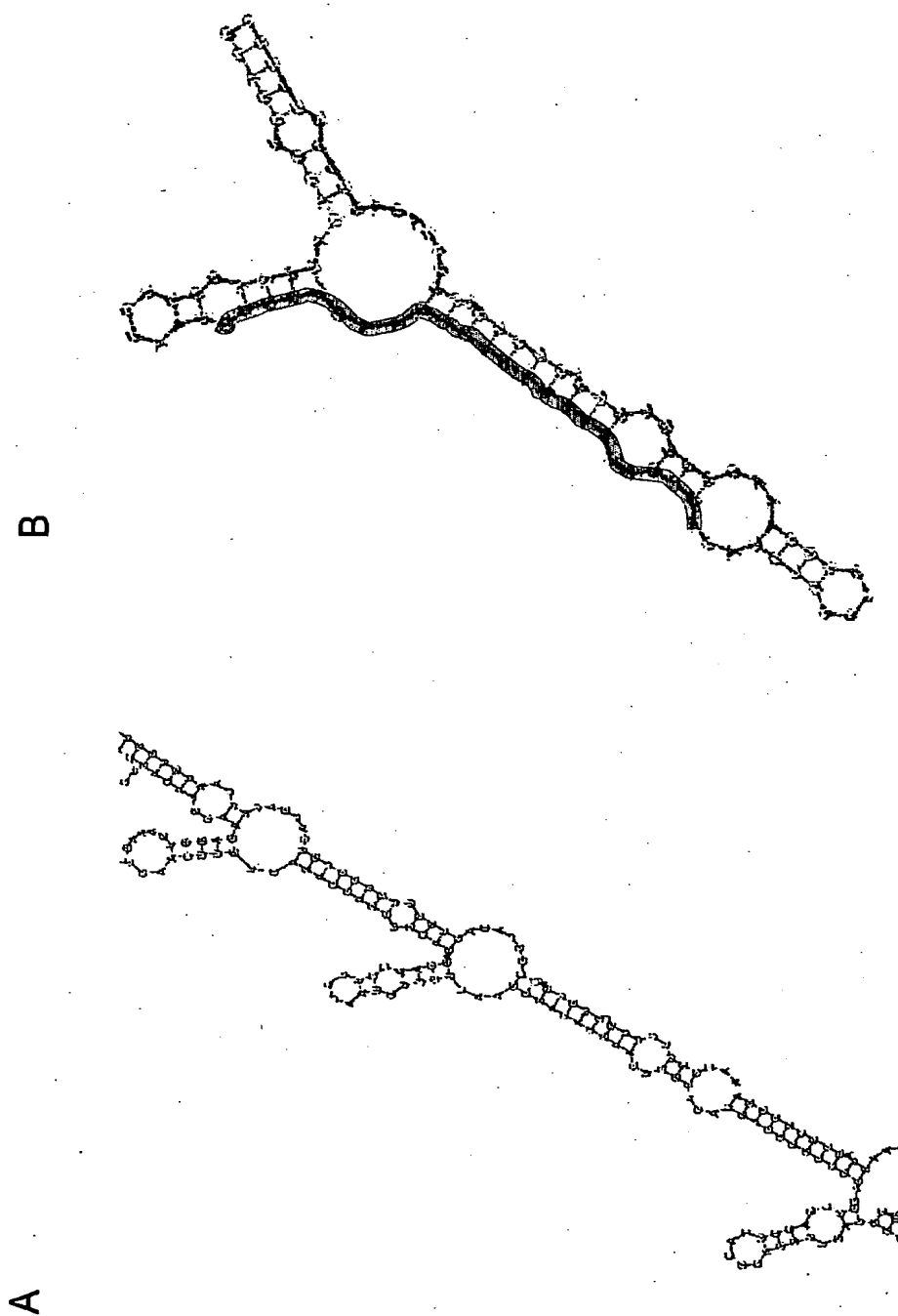


FIG. 36

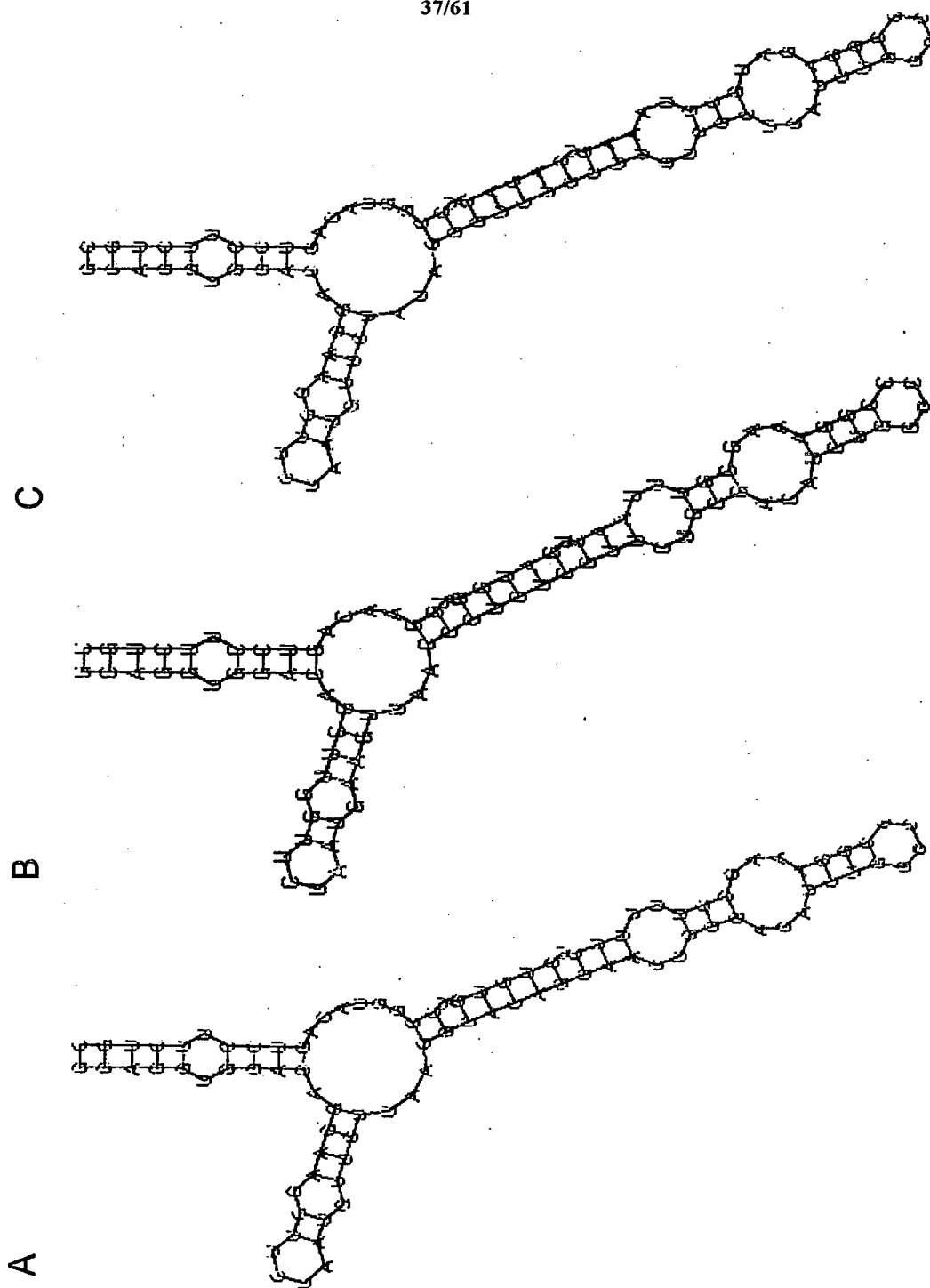


FIG. 37

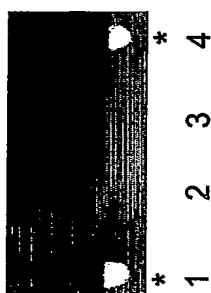


FIG. 38

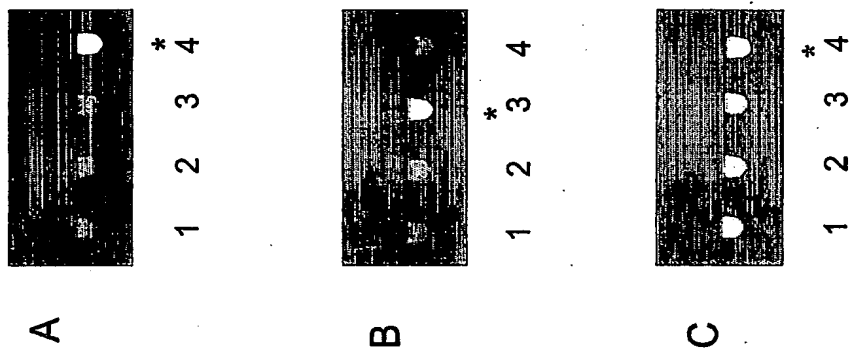


FIG. 39

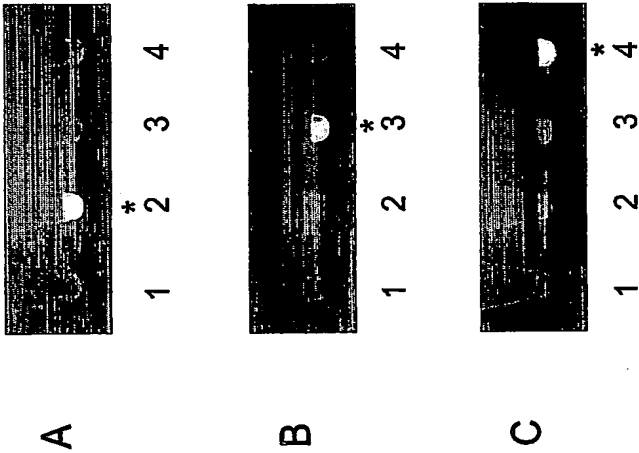
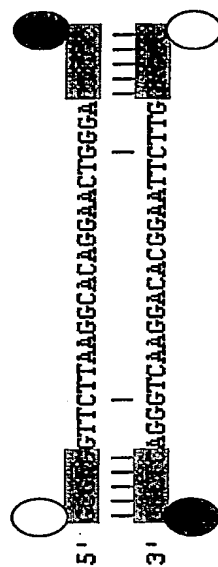
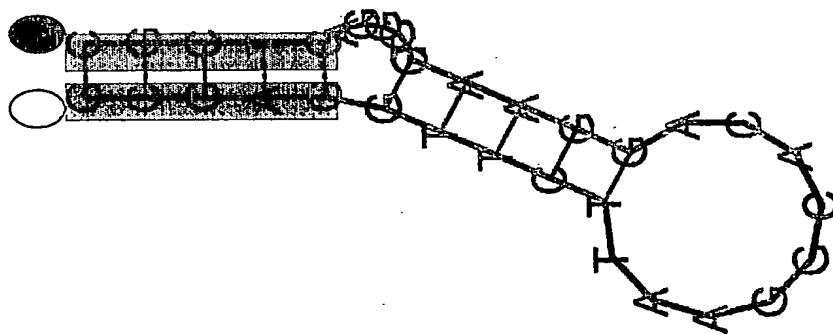


FIG. 40

B



A



FP18 5' GCGAG GTTCTTAAGGCACAGGAAGTGGGA CTCGC 3'

FIG. 41

A
GCAGGTGGACAGGAAGTTCTAATGTTCTTAAGGCACA
GGAAGTGGGACATCTGGCCCGGAAAGCCTTTTCTCT
GTGATCCGGTACAGTCCTTCTGC

B
GCAGGTGGACAGCTTGTTCTAATGAAGTTAACCCTGT
CGTTCTGCGACATCTGGCCCGGAAAGCGTTTAACUGA
TGGAUUGAACAGTCCTTCTGC

C
GCAGGTGGACAGGAAGTTCTAATGTTCTATAGGGTCT
GCTTGTCGCTCATCTGGCCCGGAGATGCGT
AAAGTCAGACATCCGGTACAGTCCTTCTGC

D
1 GTTCTTAAGGCACAGGAAGTGGGA
2 GAAGTTAACCTGTCGTTCTCGGA 50% different from target 1;
66% different from target 3
3 GTTCTATAGGTCGTCGTTCTCGCI 50% different from target 1

FIG. 42

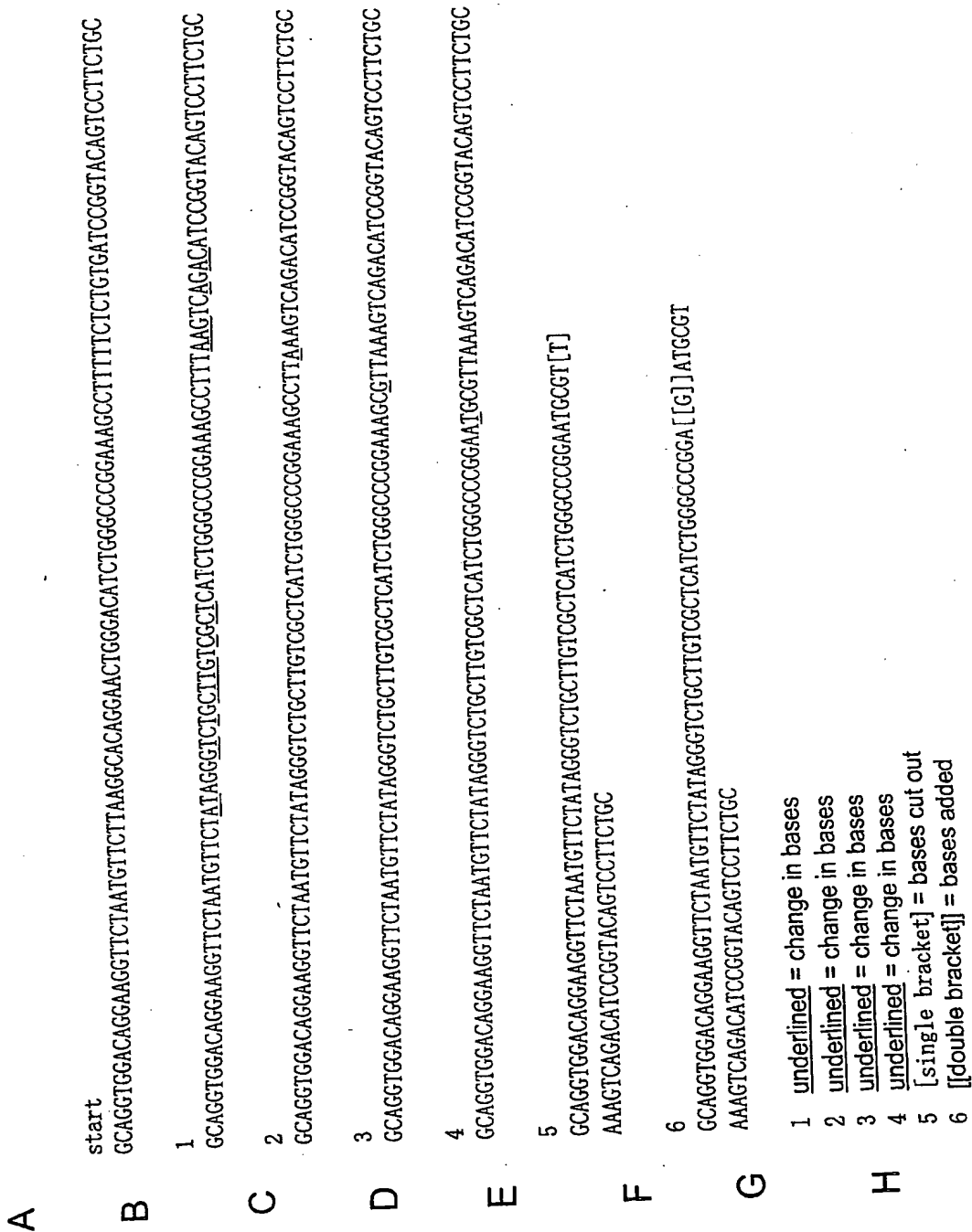


FIG. 44

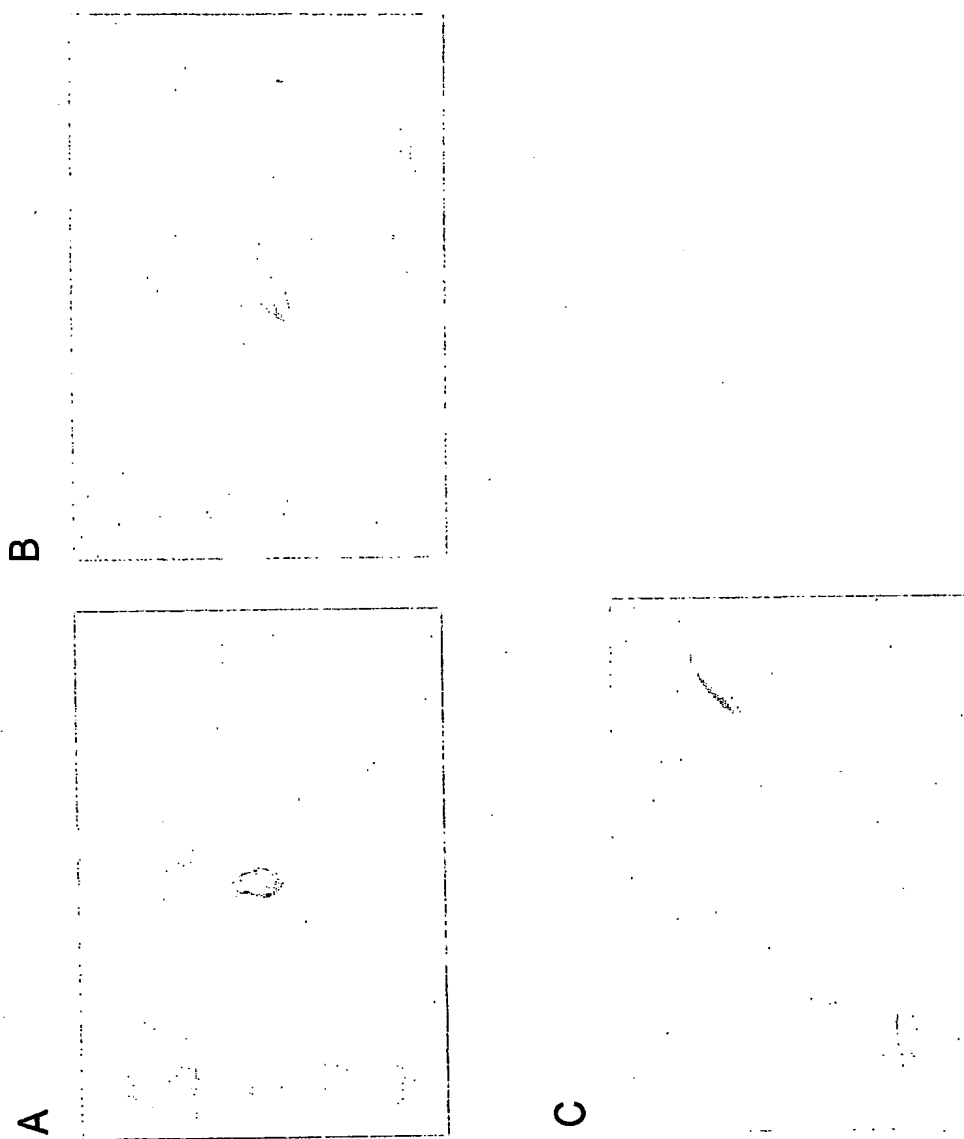


FIG. 45

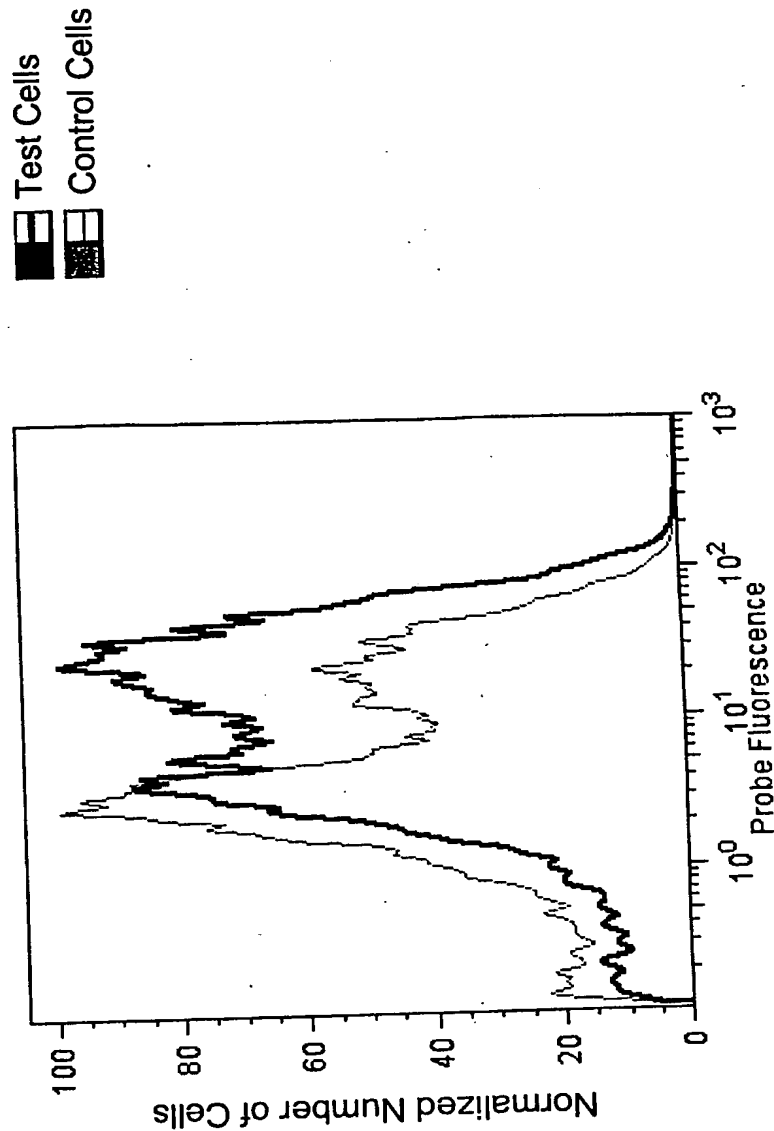


FIG. 46 mcon1

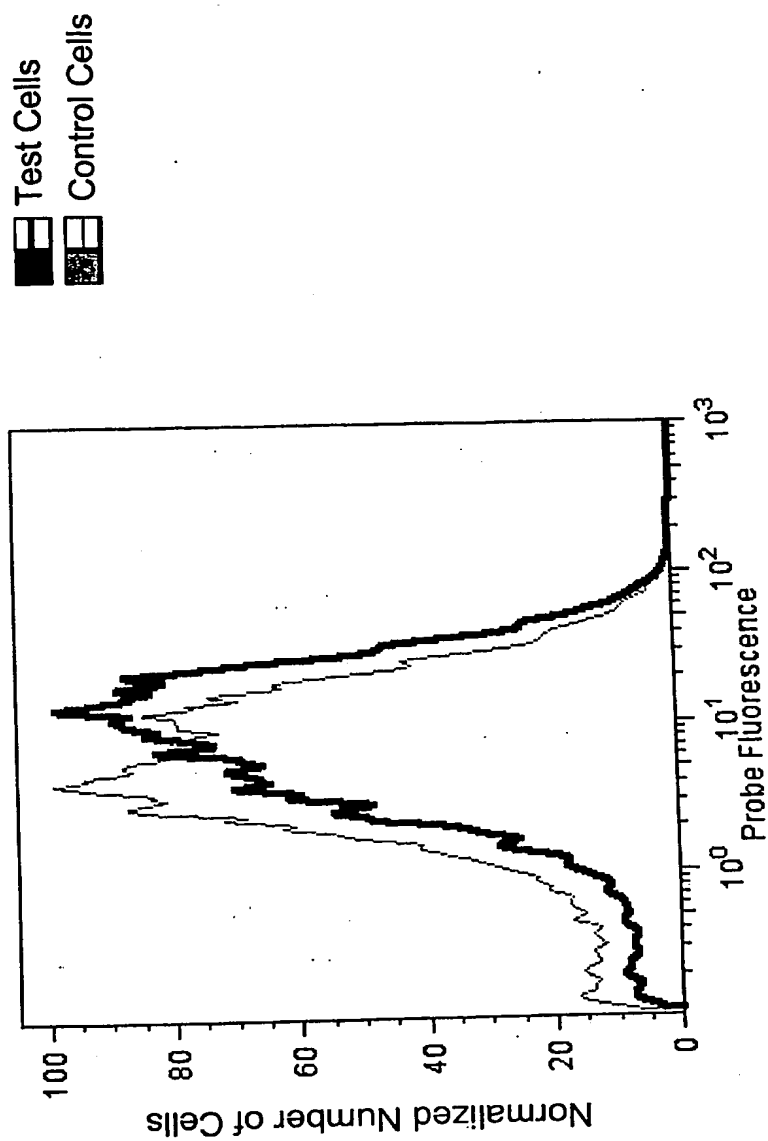


FIG. 47 mcon2

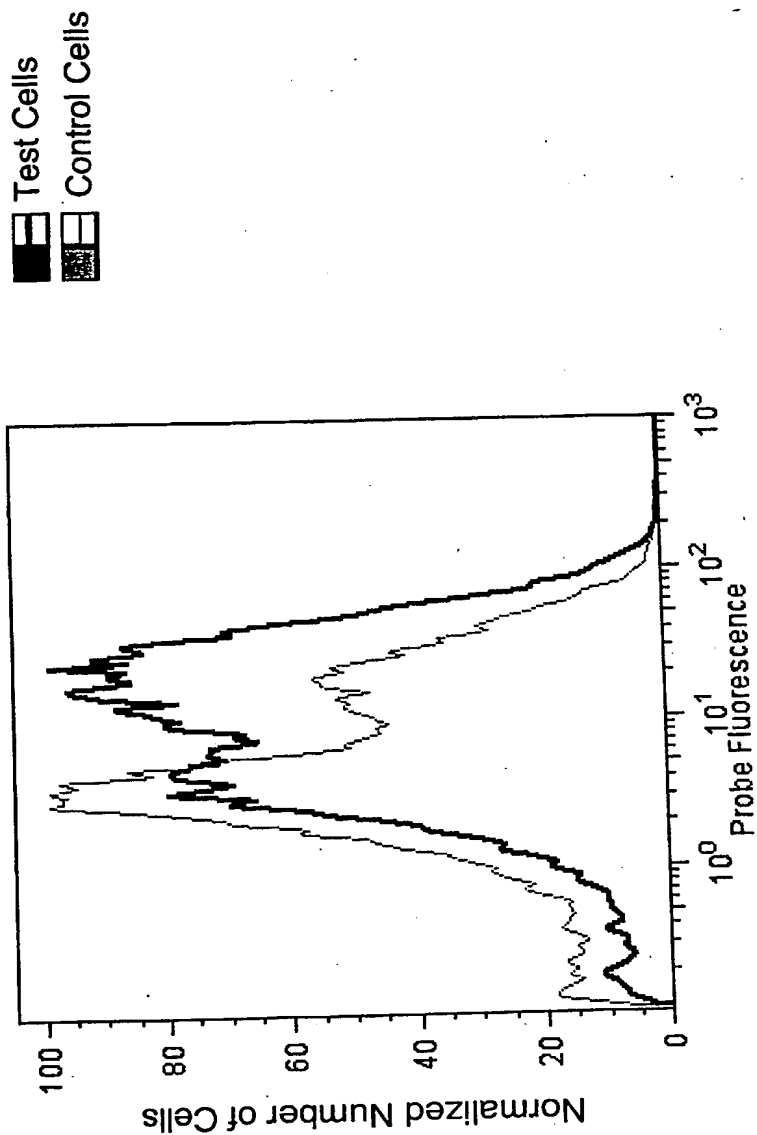


FIG. 48 mcon3

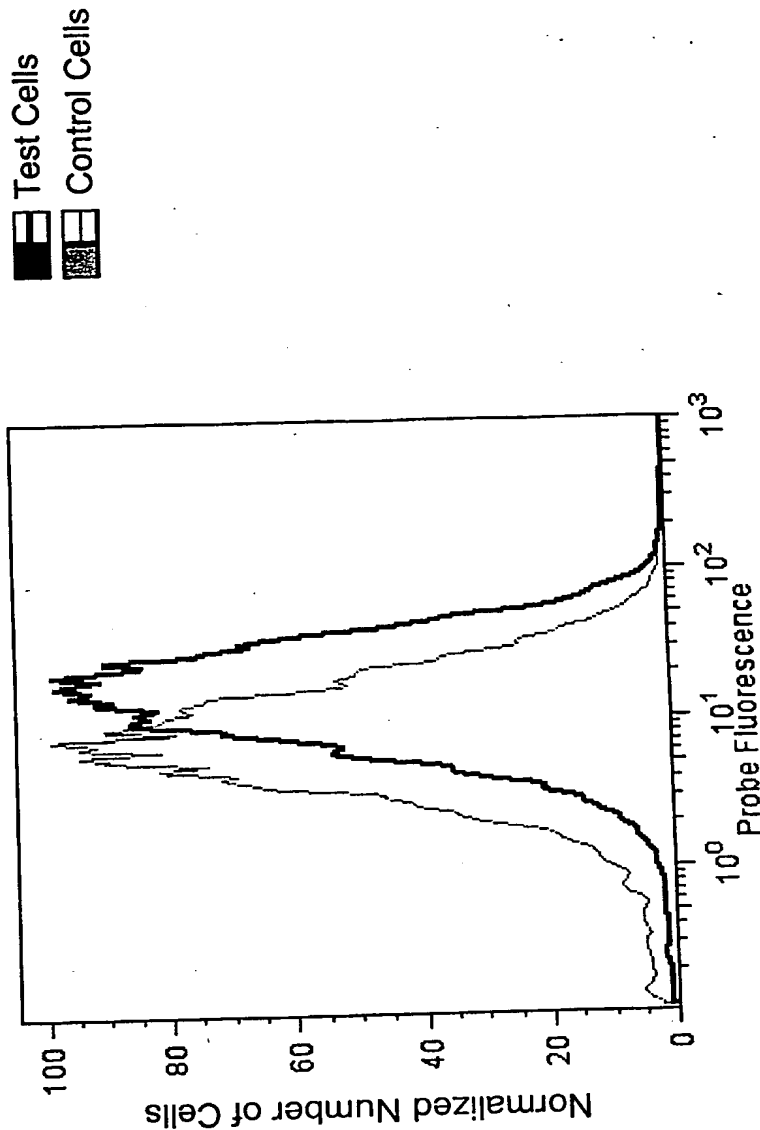


FIG. 49 mcon4

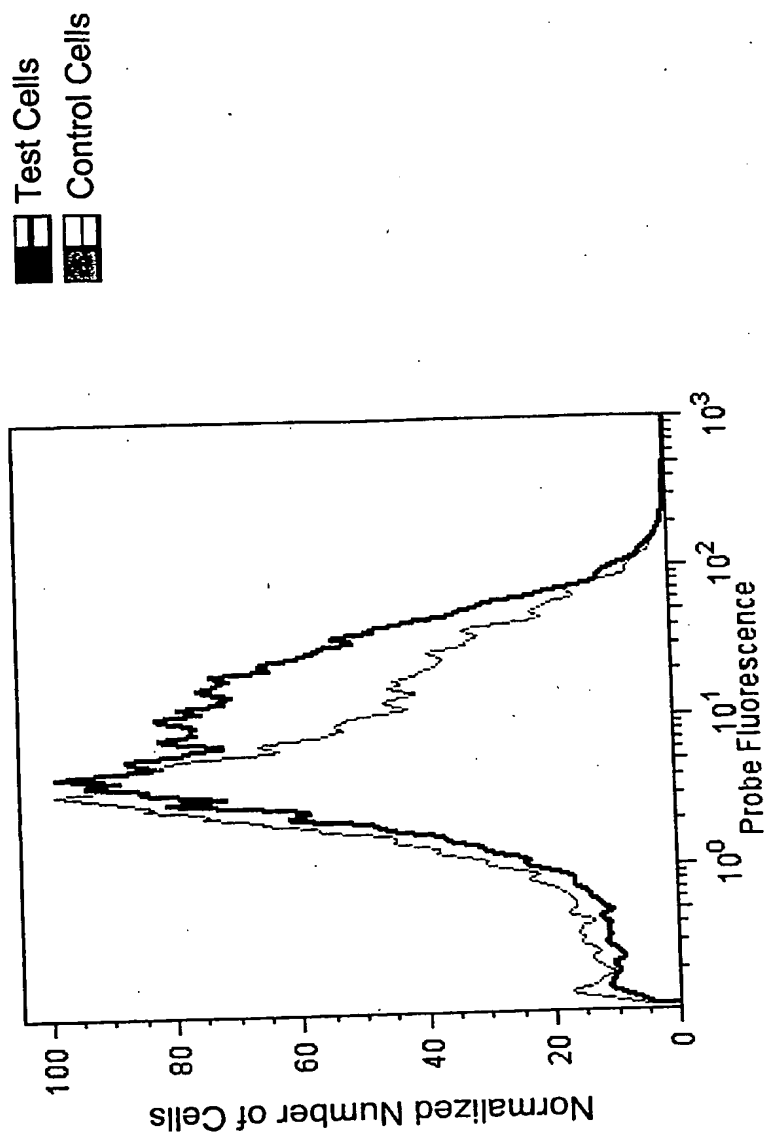


FIG. 50 mcon5

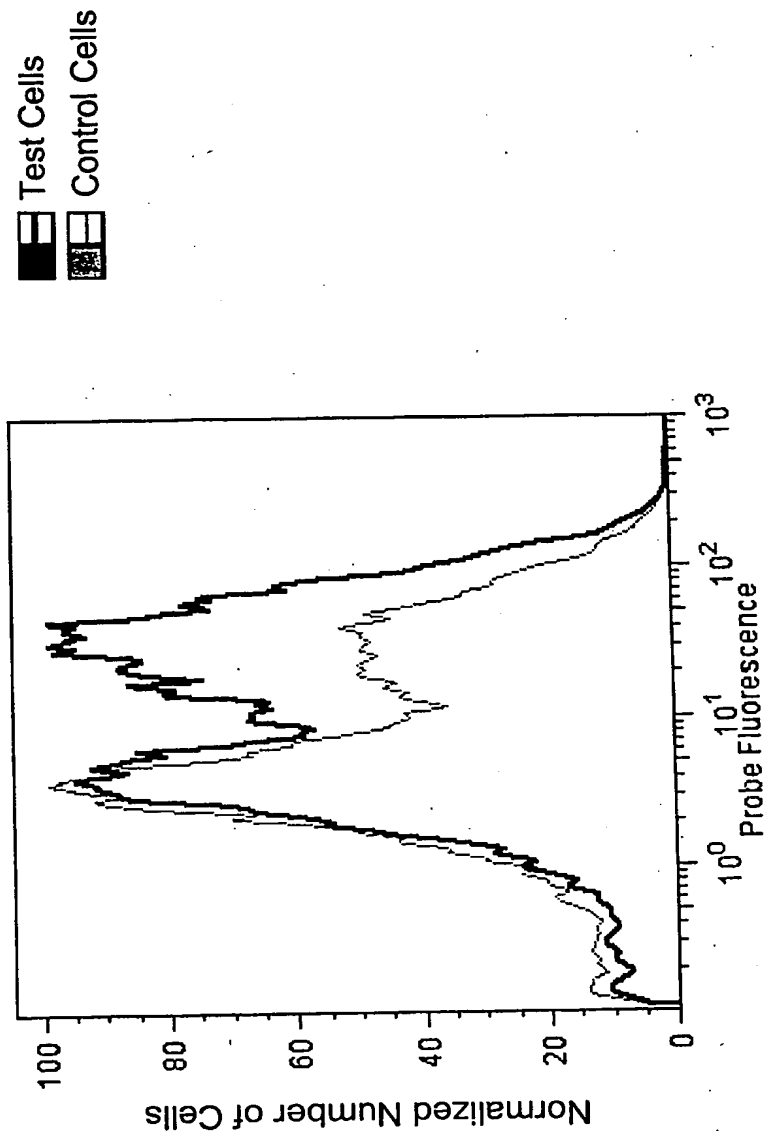


FIG. 51 mcon6

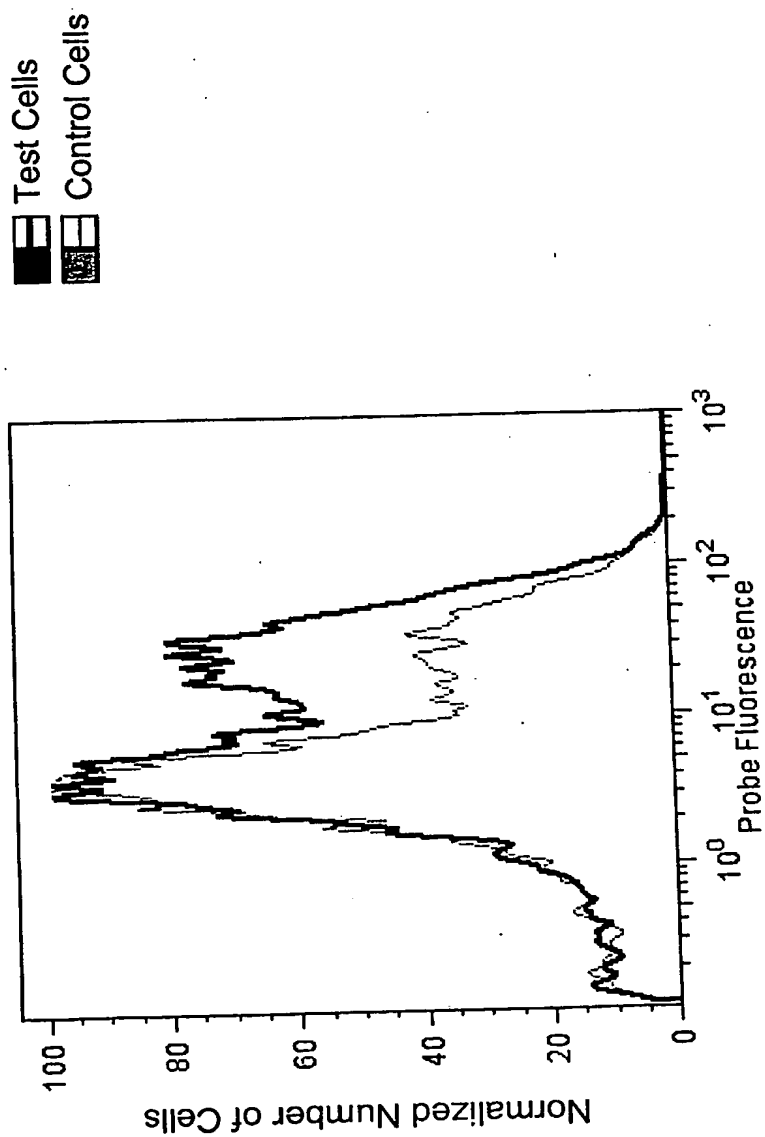


FIG. 52 mcon7

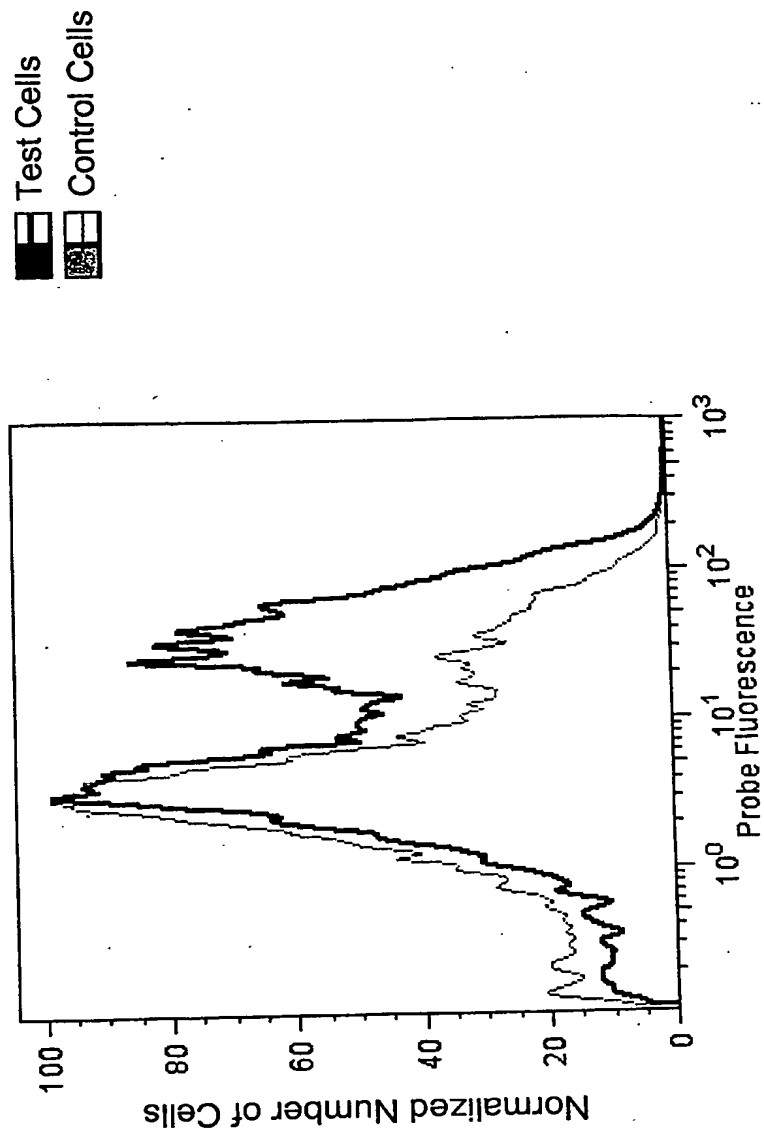


FIG. 53 mcon8

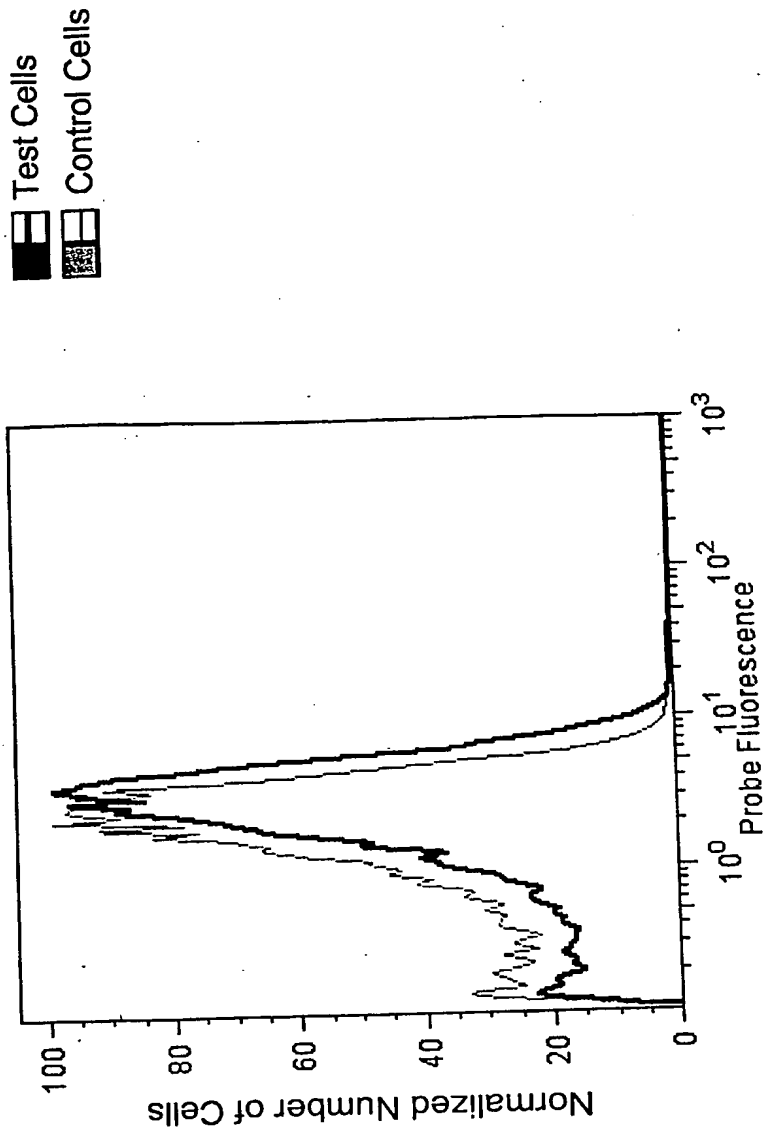


FIG. 54 mcon9

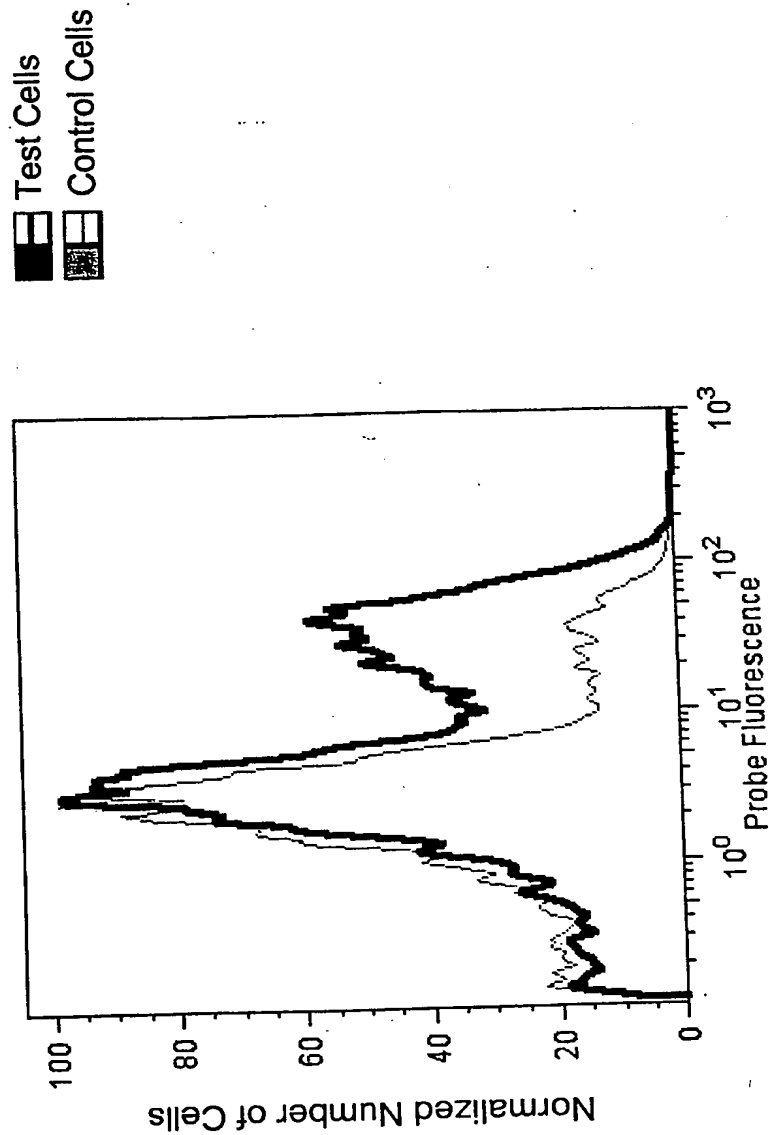


FIG. 55 mcon10

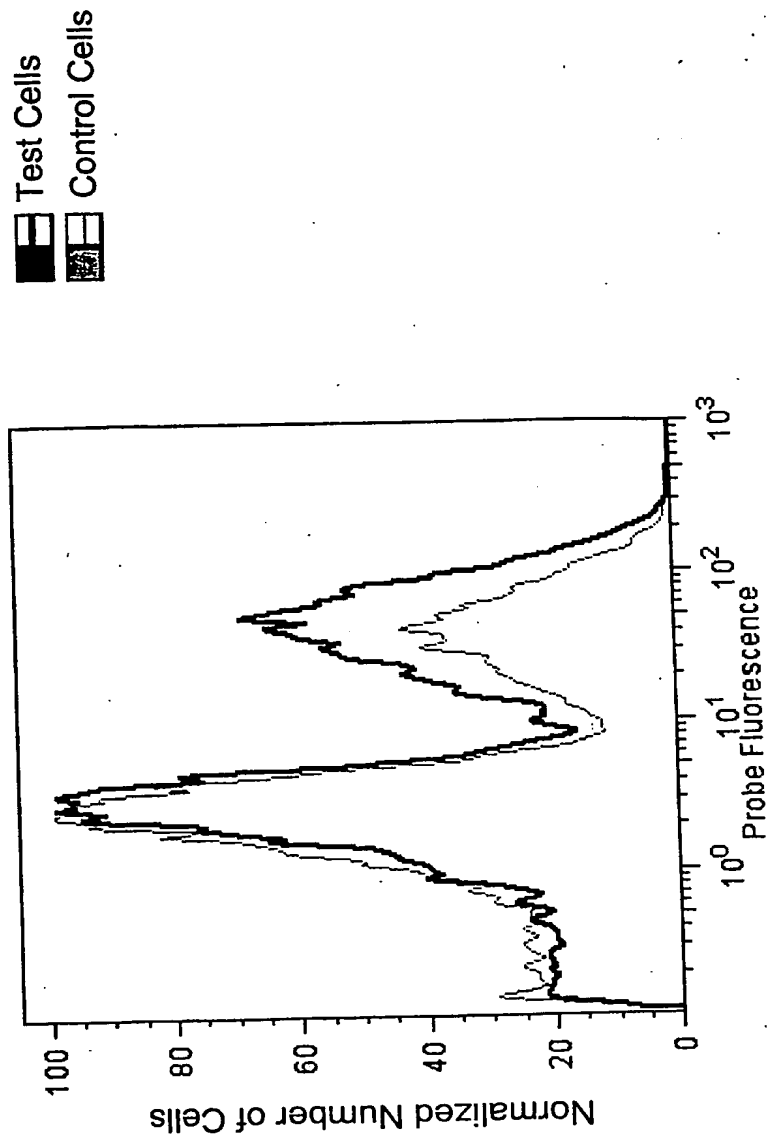


FIG. 56 mcon11

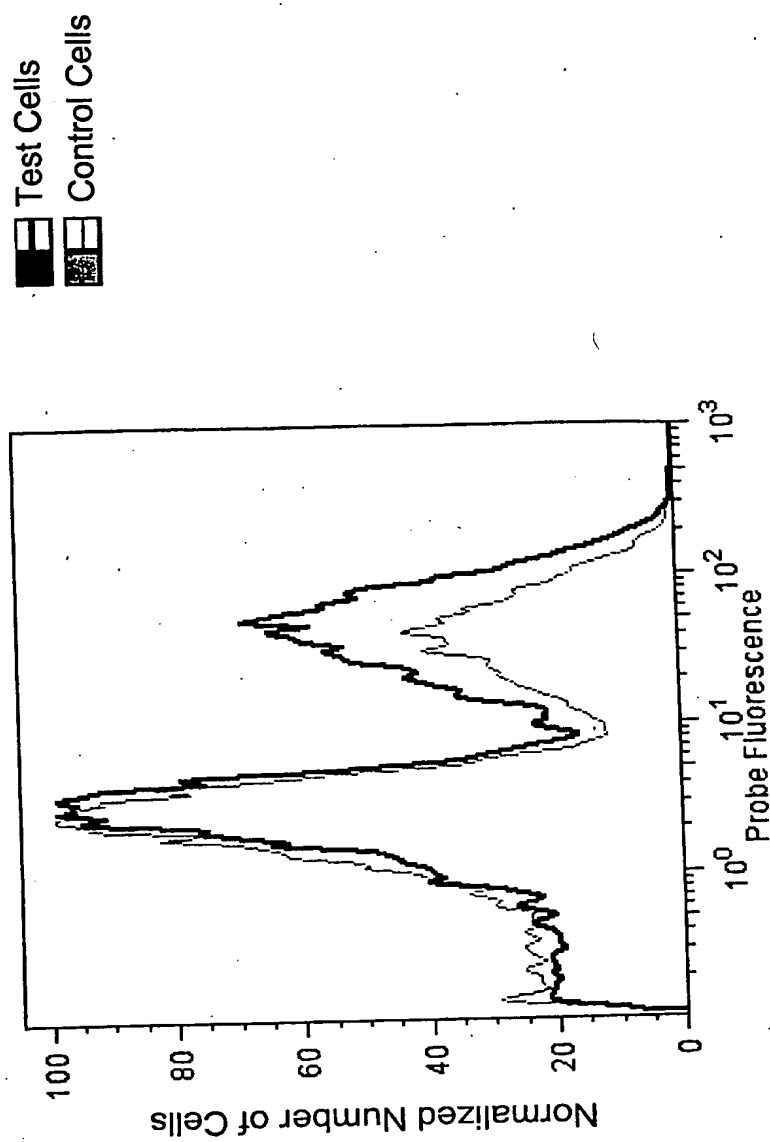


FIG. 56 mcon11

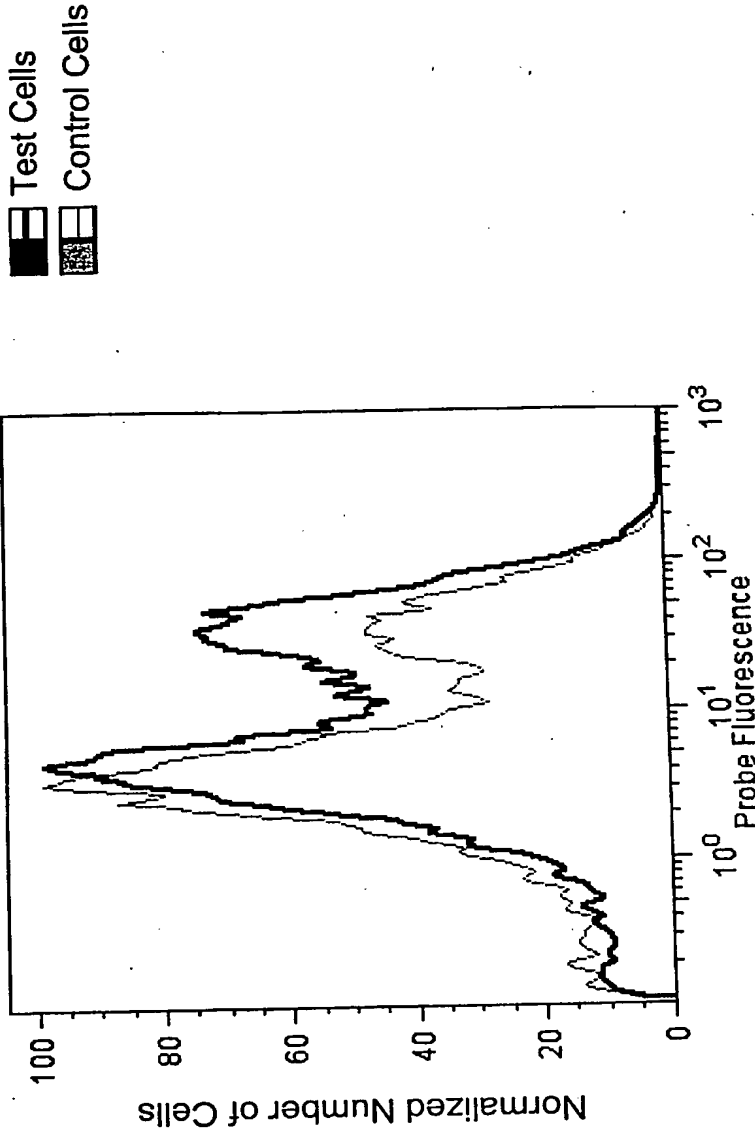


FIG. 57 mcon12

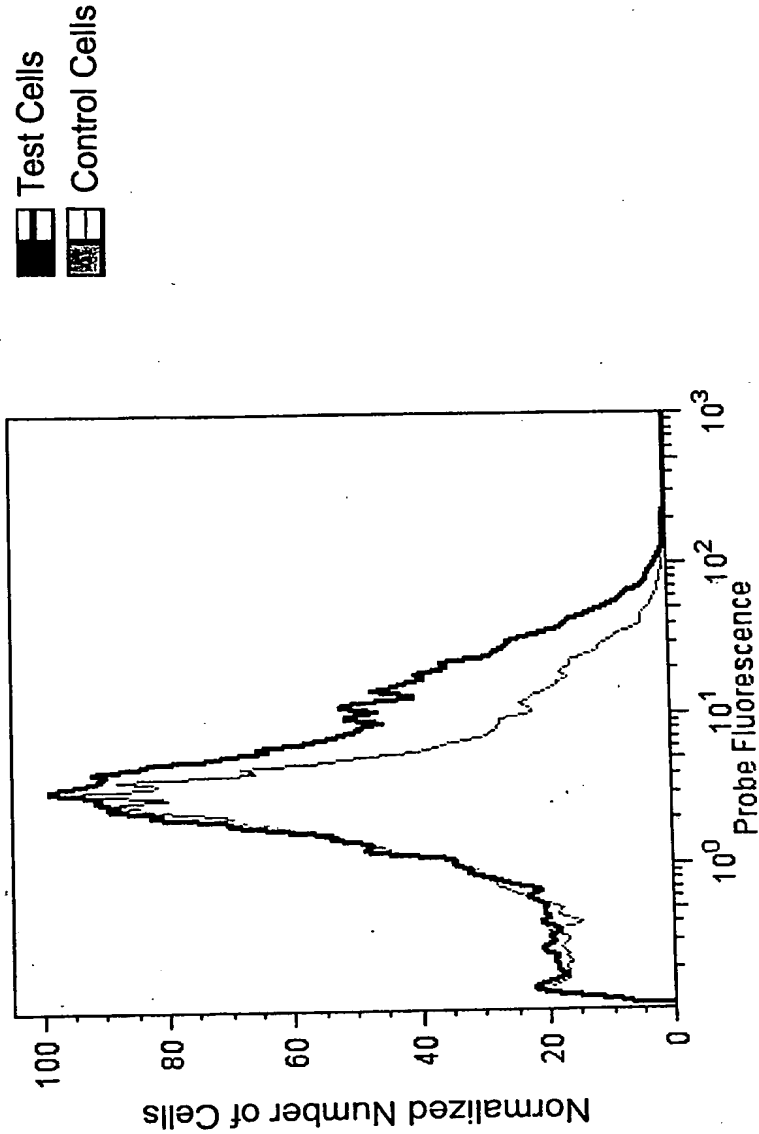


FIG. 58 mcon13

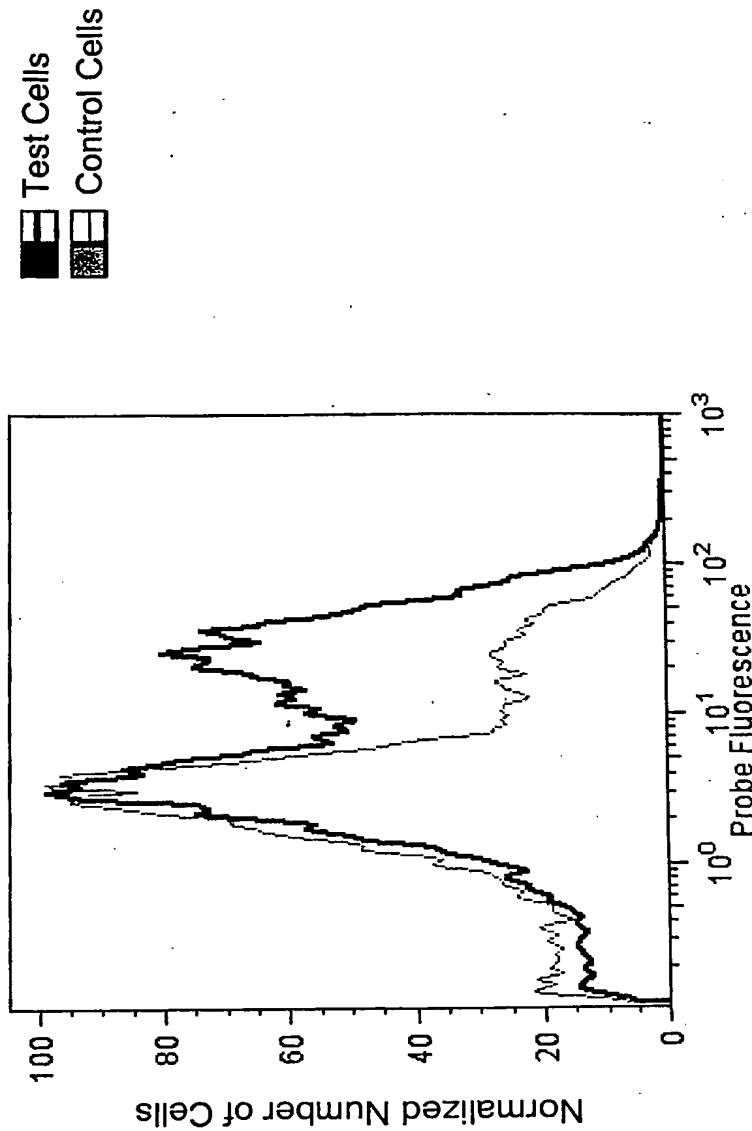


FIG. 59 mcon14

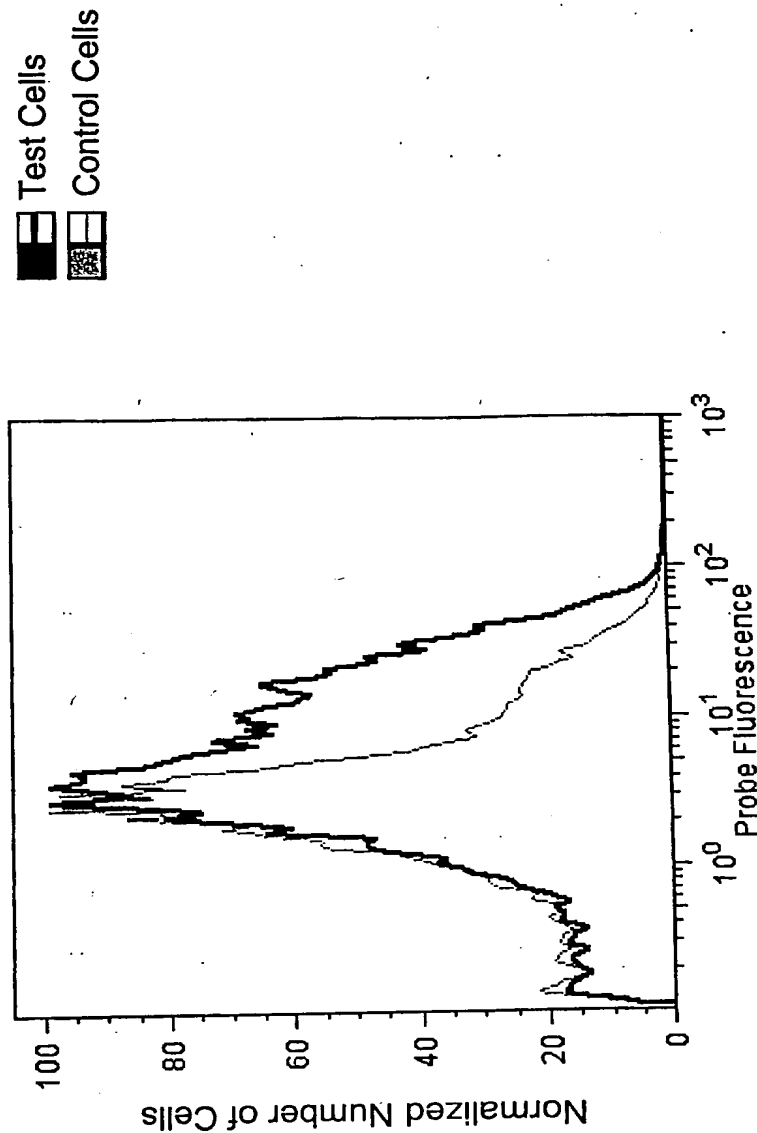


FIG. 60 mcon15